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1. Chess — Problems, 1885

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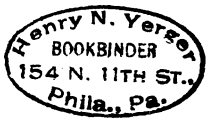
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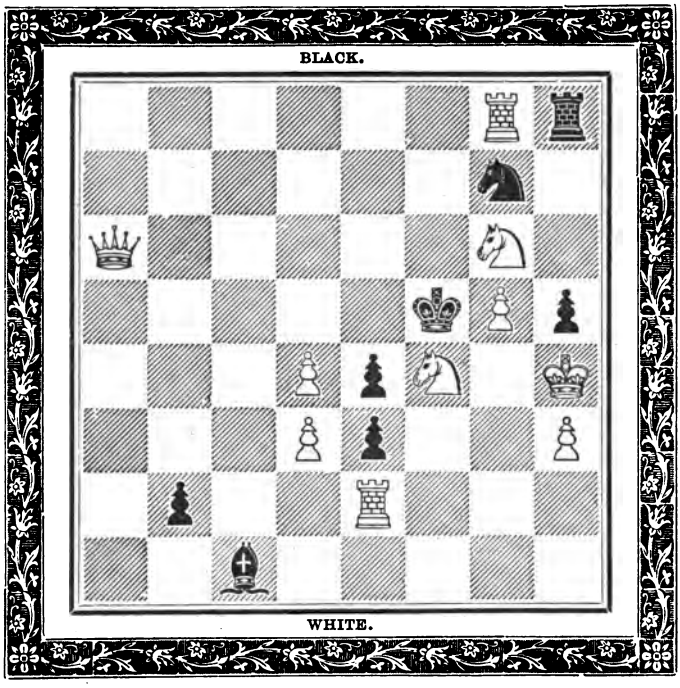
VEGA.

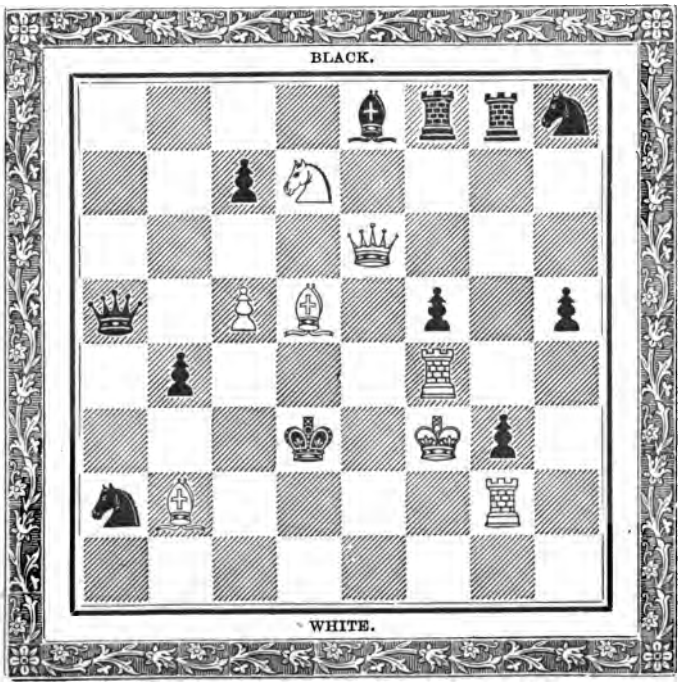
BY E. N. FRANKENSTEIN.



White compels Black to mate in four moves.

CAPELLA.

BY B. G. LAWS.



White compels Black to mate in three moves.

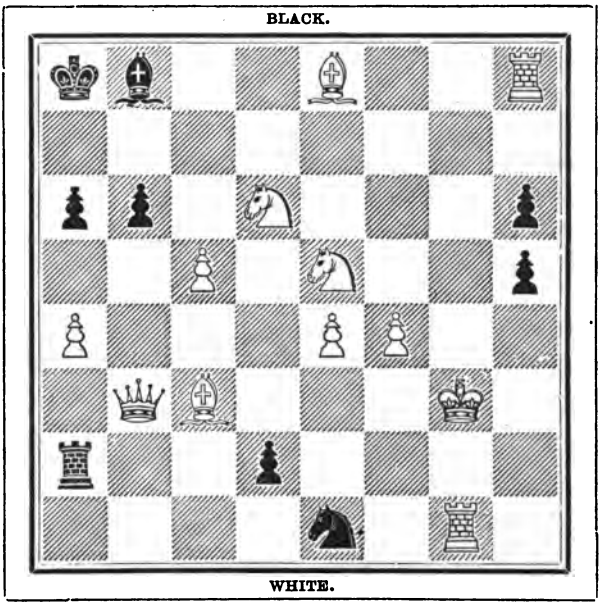
CHESS STARS:

A GALAXY OF SELF-MATES.

SECOND EDITION.

SIRIUS.

BY JOHN AUGUSTUS MILES.



White compels Black to mate in fourteen moves.

"* * * * * * * * Juvat ire per alta Astra." OVID. MET. XV. 147.

NORWICH:

J. A. MILES, No. 3, CLARENDON ROAD.

1888.

Price Half-a-Crown.

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634261 A
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PREFACE TO SECOND EDITION.

That all lovers of Chess will, sooner or later, become admirers of self-mate problems I have no doubt; they who still have a prejudice against them being greatly in the minority, and I hope the study of the fine examples I have gathered together will be a means of reducing that minority to a minimum. I need not eulogize these problems; they speak for themselves and appeal to the heart, though haply in a language that is somewhat mysterious. Mr. A. F. Mackenzie of Jamaica in reviewing the first Edition of the Stars awards them a high meed of praise. Of the additional problems from No. 93 to the end, those marked with an asterisk, as well as the two fine stratagems on the frontispiece have been composed especially for me, and I beg to tender my best thanks to my many good friends for their kindness in thus enhancing the value of the collection.

Arcturus has vanished!—It is to be presumed that his rapid motion in space has caused him to be utterly dissipated; and now that beautiful star Capella comes into the field of view instead.

J. A. MILES.

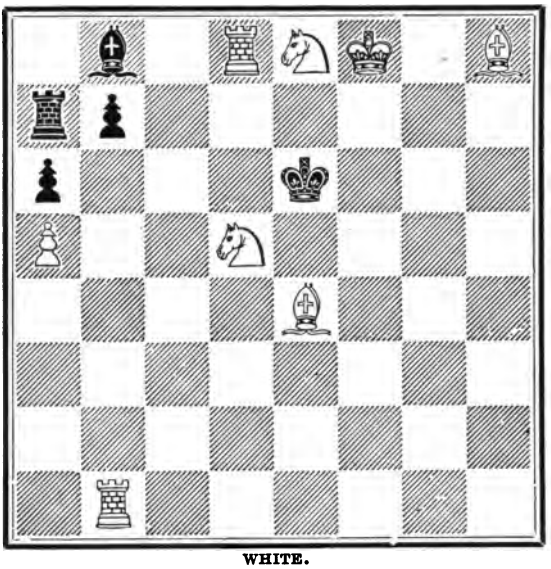
PROSPECT HOUSE,
3, CLARENDON, ROAD,
NORWICH,
26th November, 1888.

MAY WE
BORROW
YOUR
MIND

No. 1.

BY J. A. MILES.

BLACK.



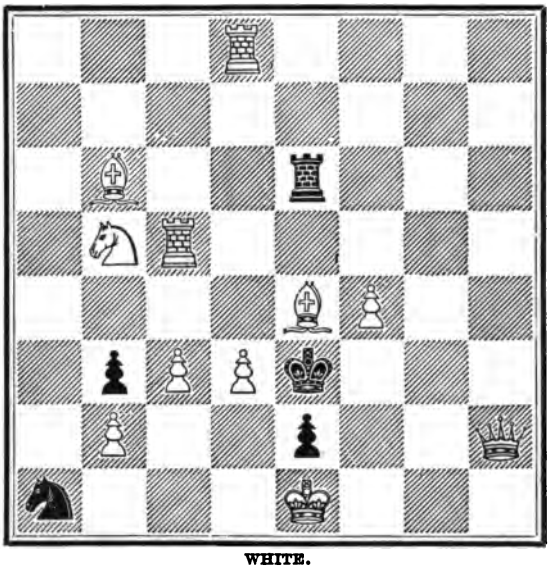
WHITE.

White compels Black to mate in six moves.

No. 2.

BY J. A. MILES.

BLACK.



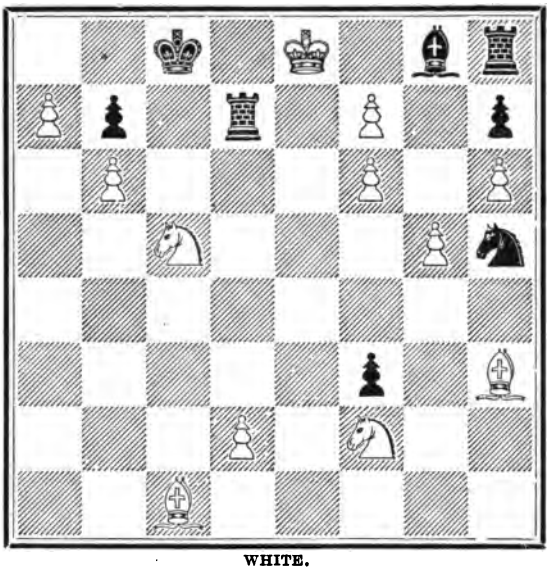
WHITE.

White compels Black to mate in three moves.

No. 3.

BY J. A. MILES.

BLACK.



WHITE.

White compels Black to mate in five moves.

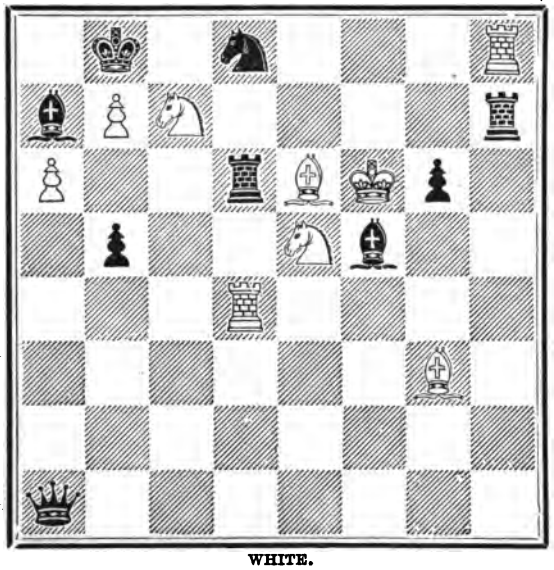
No. 4.

BY J. A. MILES.

Dedicated to Miss F. F. Beechey.

(now Mrs. T. B. Rowland)

BLACK.



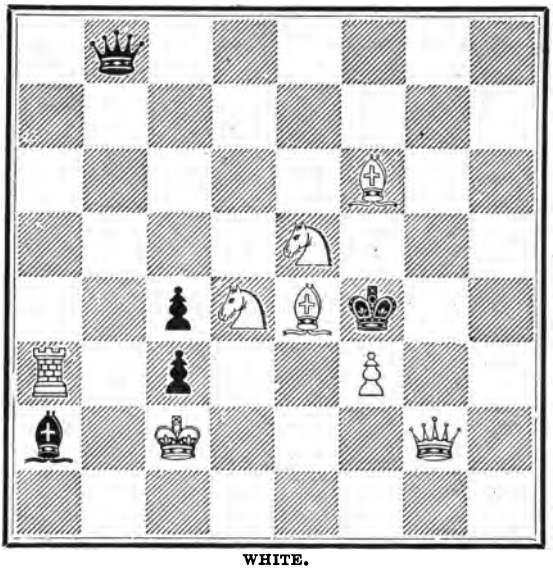
WHITE.

White to retract his last move, and then to play and checkmate in two moves, or compel Black to mate in two moves.

No. 5.

BY J. A. MILES.

BLACK.



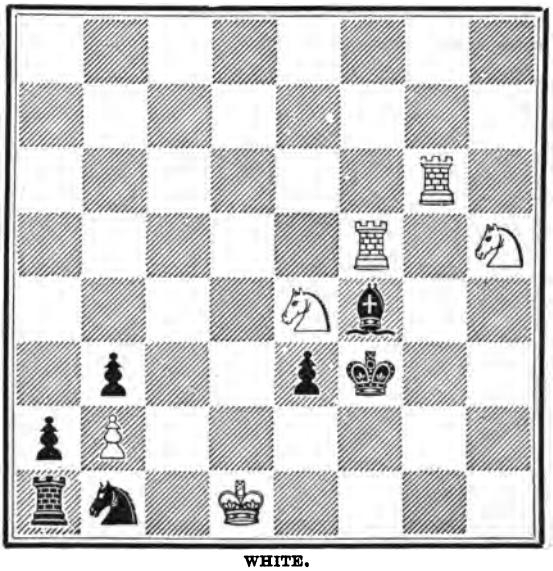
WHITE.

White compels Black to mate in six moves.

No. 6.

BY J. A. MILES.

BLACK.



WHITE.

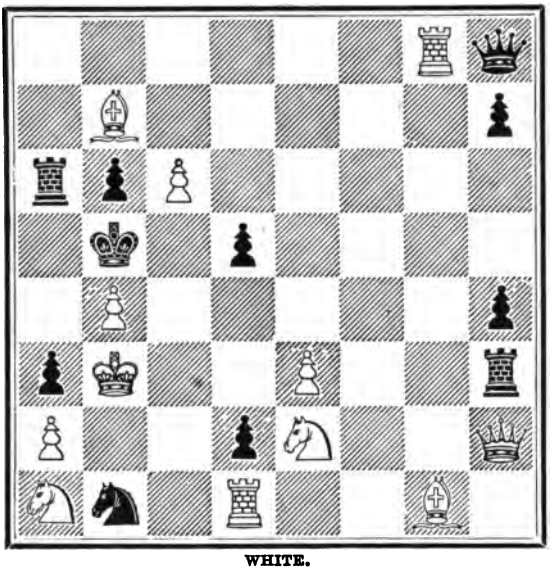
White compels Black to mate in three moves.

No. 7.

BY J. A. MILES.

Dedicated to H. J. C. Andrews.

BLACK.



WHITE.

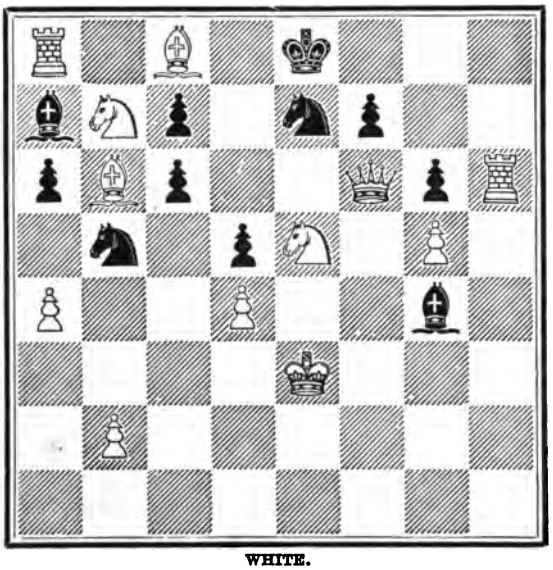
White to retract his last move and then to play and compel Black to mate in five moves.

No. 8.

BY J. A. MILES.

Dedicated to W. Norwood Potter.

BLACK.



WHITE.

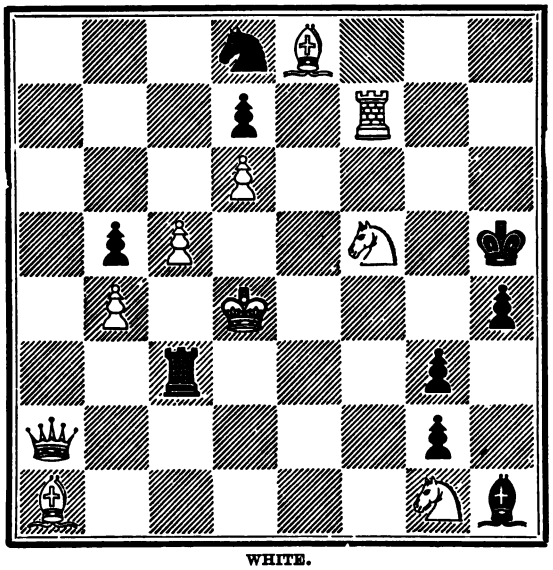
White compels Black to mate in ten moves.

No. 9.

BY J. A. MILES.

Dedicated to The Rev. C. E. Ranken.

BLACK.



WHITE.

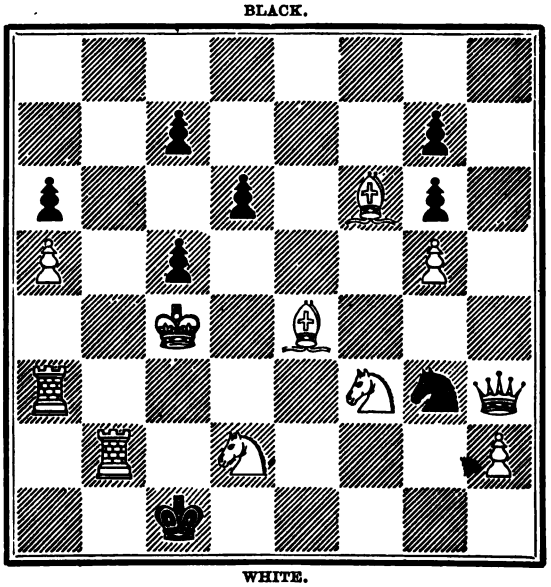
White compels Black to mate in seven moves.

No. 10.

BY J. A. MILES.

Dedicated to John Watkinson.

BLACK.



WHITE.

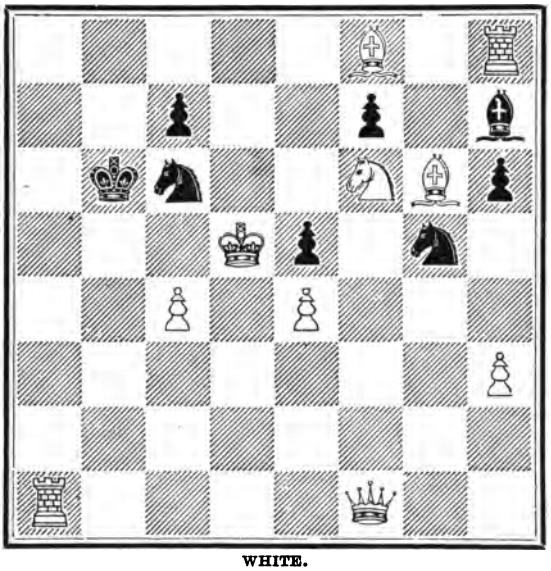
White to retract his last move and then to play and compel Black to mate in six moves.

No. 11.

BY J. A. MILES.

Dedicated to C. Bexley Vansittart.

BLACK.



WHITE.

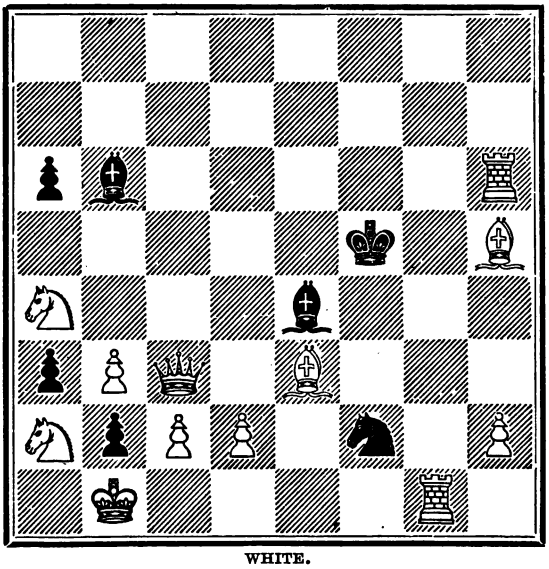
White compels Black to mate in eleven moves.

No. 12.

BY J. A. MILES.

Dedicated to James Pierce, M.A.

BLACK.



WHITE.

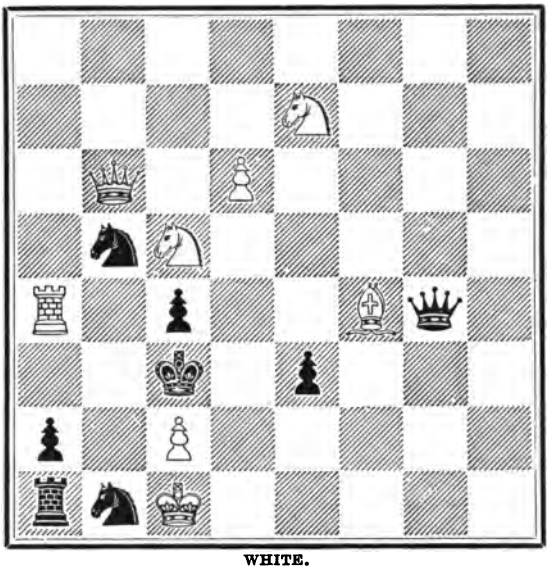
White compels Black to mate in eleven moves.

No. 13.

BY J. A. MILES.

Dedicated to C. Planck, M.A.

BLACK.



WHITE.

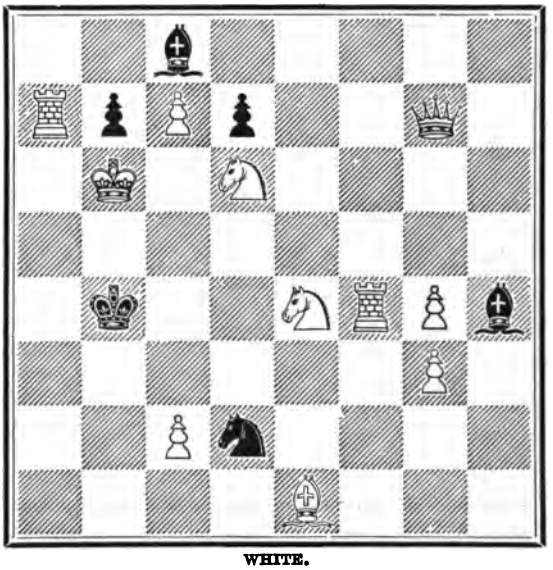
White compels Black to mate in five moves.

No. 14.

BY J. A. MILES.

Dedicated to J. H. Finlinson.

BLACK.



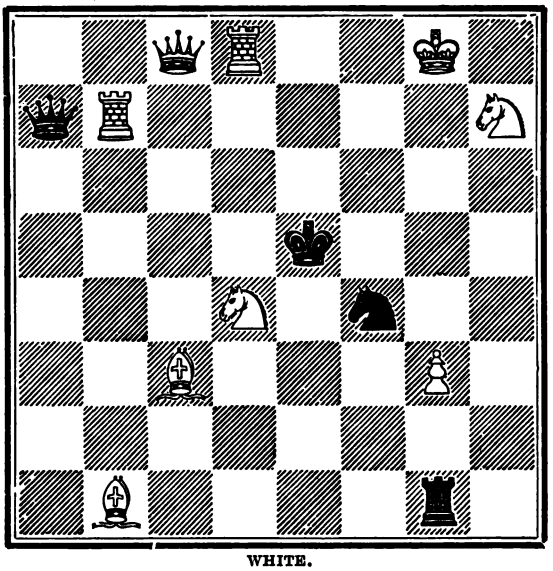
WHITE.

White compels Black to mate in seven moves.

No. 15.

BY J. A. MILES.

BLACK.



WHITE.

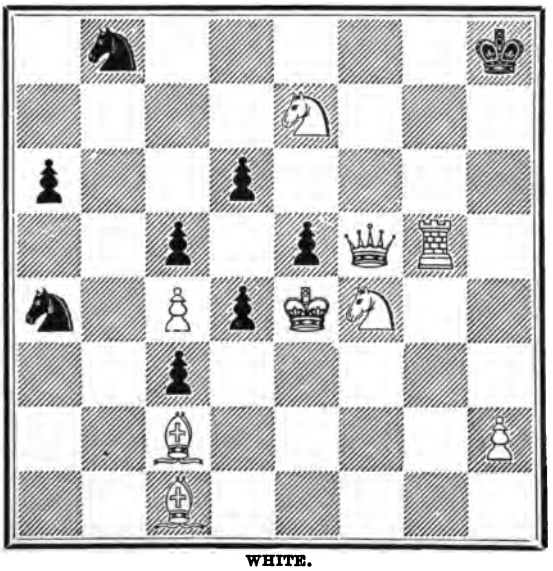
White compels Black to mate in nine moves.

No. 16.

BY J. A. MILES.

Dedicated to E. N. Frankenstein.

BLACK.



WHITE.

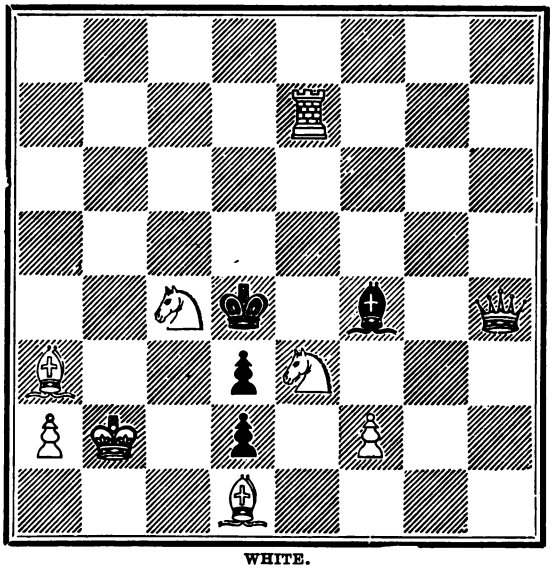
White compels Black to mate in nine moves.

No. 17.

BY J. A. MILES.

Dedicated to James White.

BLACK.



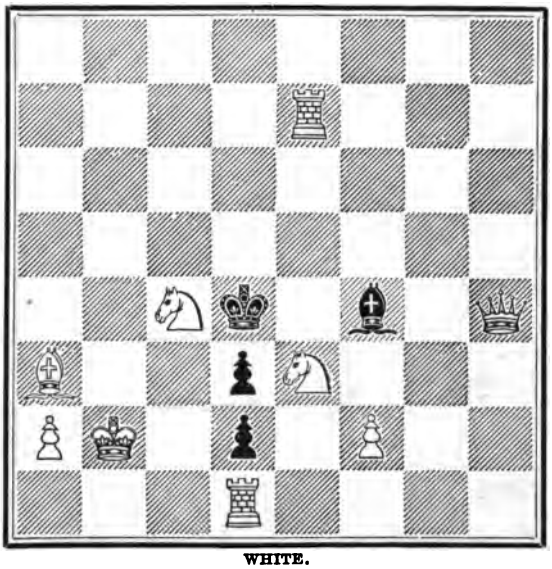
WHITE.

White compels Black to mate in nine moves.

No. 18.

BY J. A. MILES AND E. N. FRANKENSTEIN.

BLACK.



WHITE.

White compels Black to mate in eight moves.

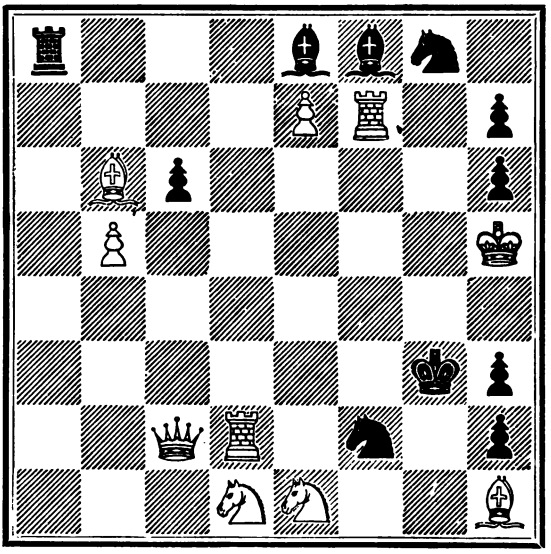
634261 A

No. 19.

BY J. A. MILES.

Dedicated to I. O. Howard Taylor.

BLACK.



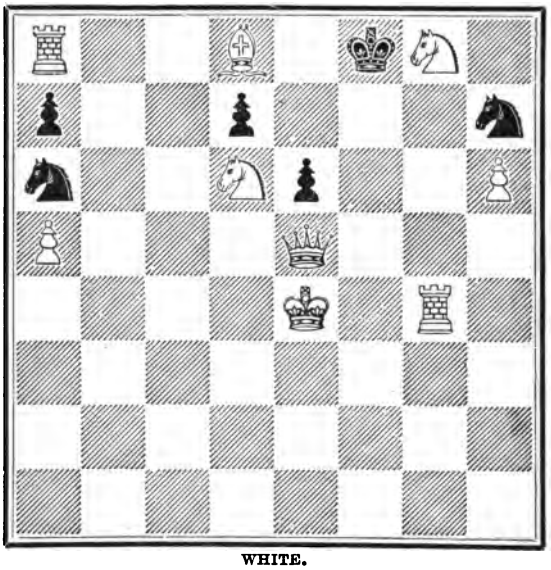
WHITE.

White compels Black to mate in four moves.

No. 20.

BY J. A. MILES.

BLACK.



WHITE.

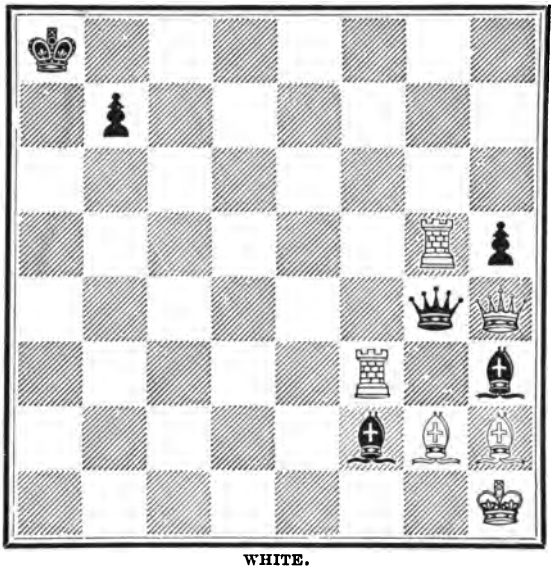
White compels Black to mate in five moves.

No. 21.

BY J. A. MILES.

Dedicated to The Rev. W. Wayte.

BLACK.



WHITE.

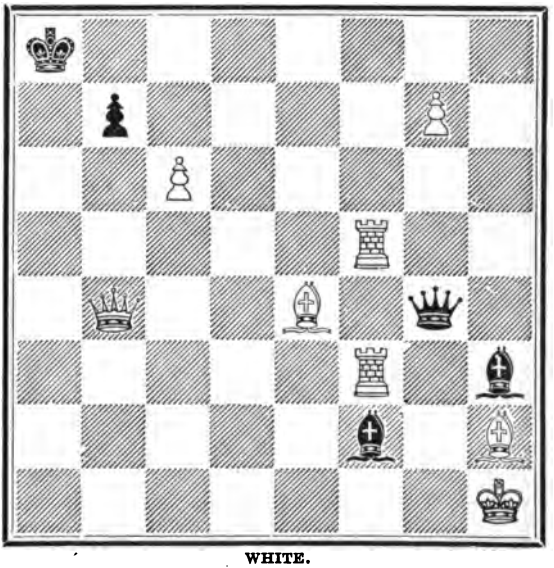
White compels Black to mate in eight moves.

No. 22.

BY J. A. MILES.

Dedicated to J. W. Abbott.

BLACK.



WHITE.

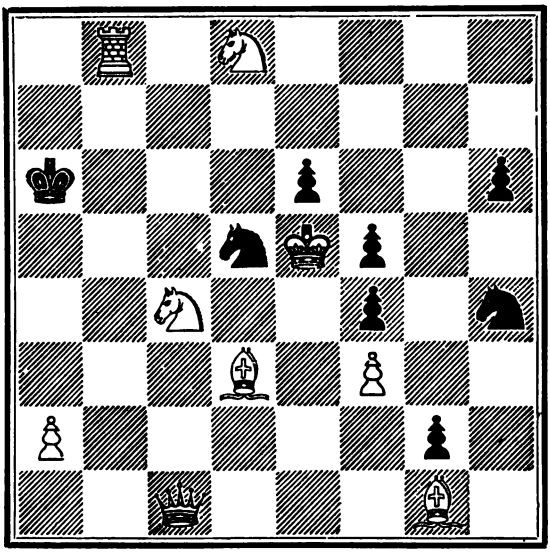
White compels Black to mate in ten moves.

No. 23.

BY J. A. MILES.

Dedicated to A. F. Mackenzie.

BLACK.



WHITE.

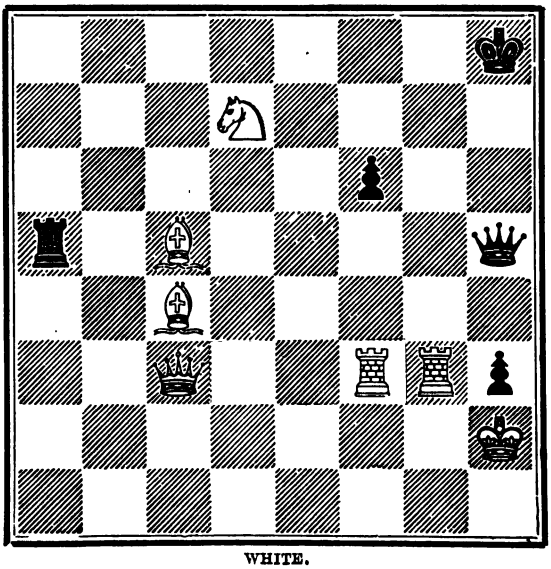
White compels Black to mate in eight moves.

No. 24.

BY J. A. MILES.

Dedicated to K. D. Peterson.

BLACK.



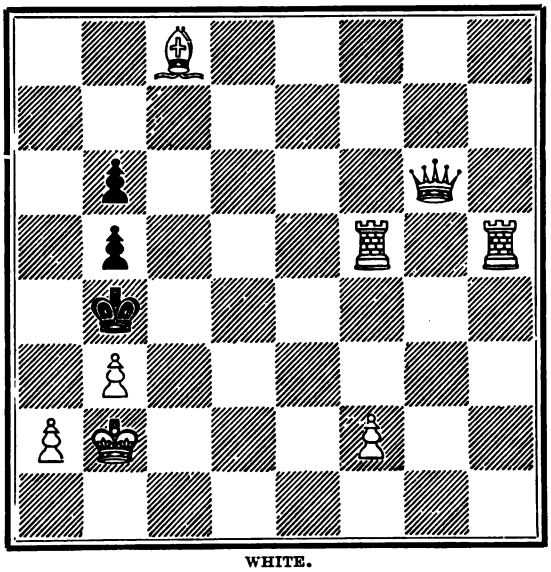
WHITE.

White compels Black to mate in nine moves.

No. 25.

BY J. A. MILES.

BLACK.



WHITE.

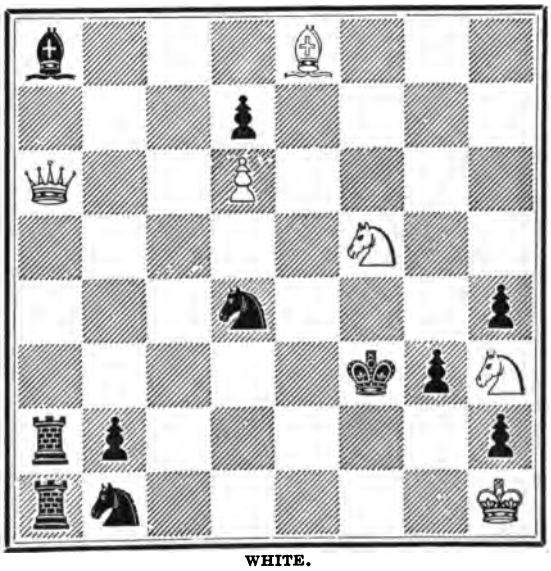
White compels Black to mate in six moves.

No. 26.

BY J. A. MILES.

Dedicated to C. Planck, M.A.

BLACK.



WHITE.

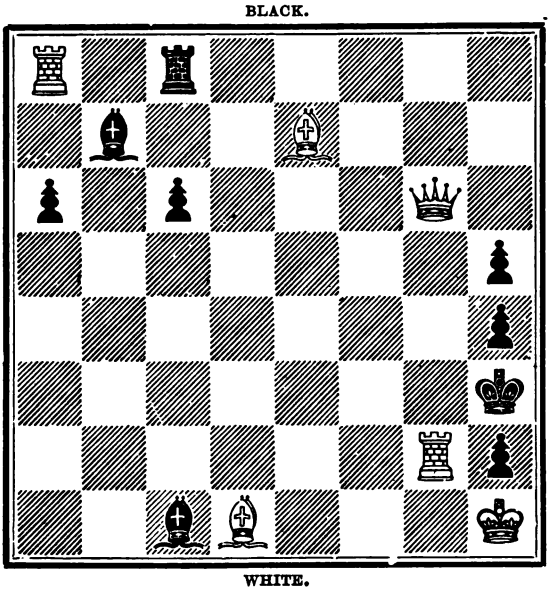
White compels Black to mate in five moves.

No. 27.

BY J. A. MILES.

Dedicated to B. G. Laws.

BLACK.



WHITE.

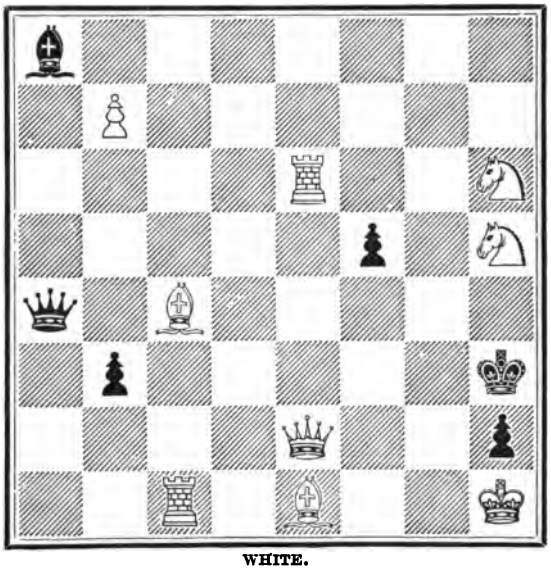
White compels Black to mate in five moves.

No. 28.

BY J. A. MILES.

Dedicated to Walter Grimshaw.

BLACK.



WHITE.

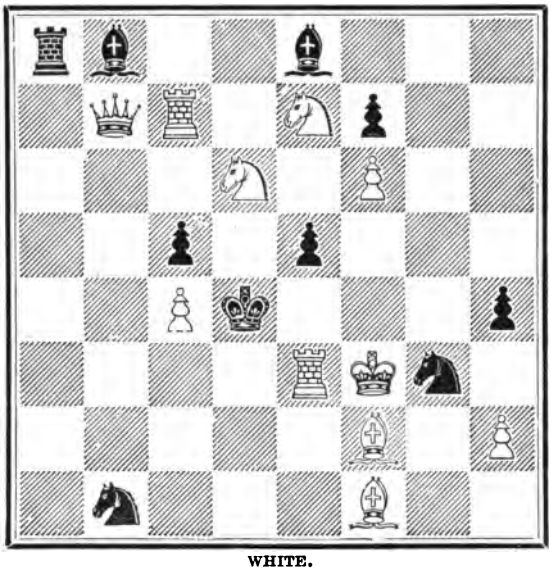
White compels Black to mate in four moves.

No. 29.

BY J. A. MILES.

Dedicated to G. J. Slater.

BLACK.



WHITE.

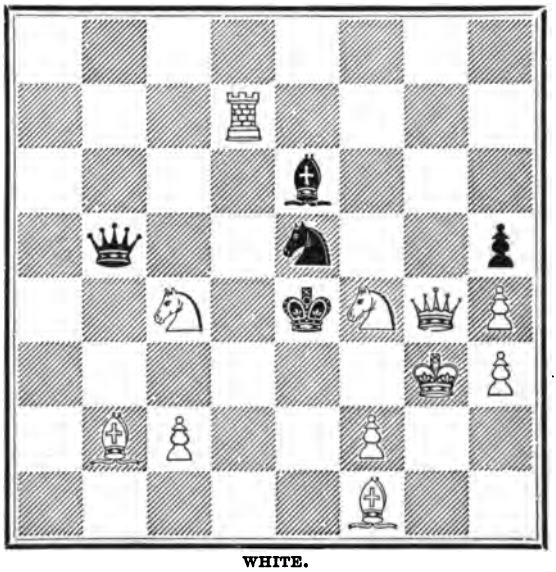
White compels Black to mate in six moves.

No. 30.

BY J. A. MILES.

Dedicated to O. A. Brownson.

BLACK.



WHITE.

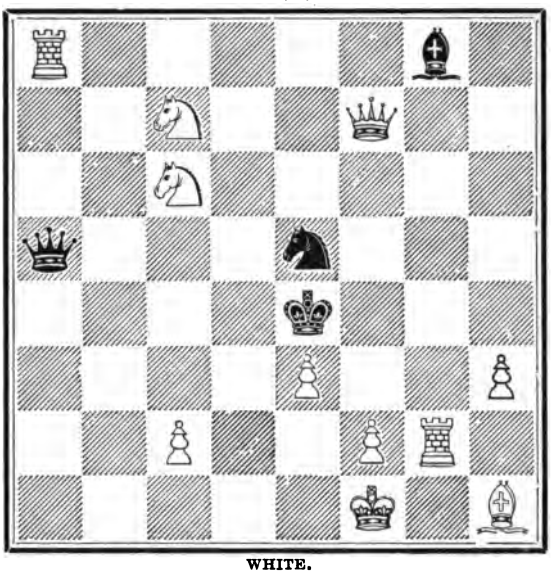
White to retract his last move and then to play and compel Black to mate in six moves.

No. 31.

BY J. A. MILES.

Dedicated to Doctor S. Gold.

BLACK.



WHITE.

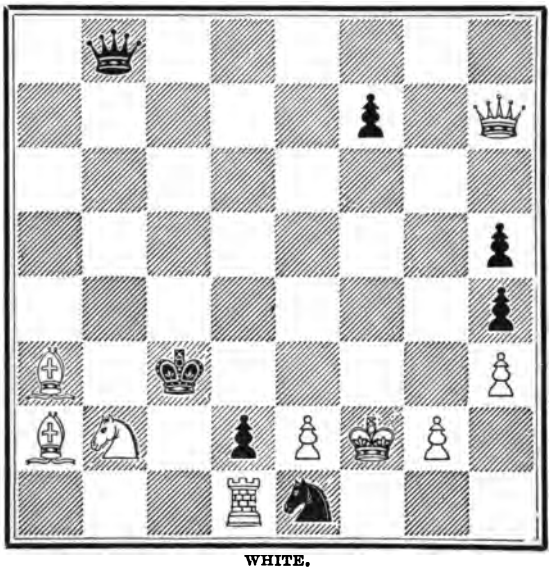
White to compel Black to mate in six moves.

No. 32.

BY J. A. MILES.

Dedicated to T. B. Rowland.

BLACK.



WHITE.

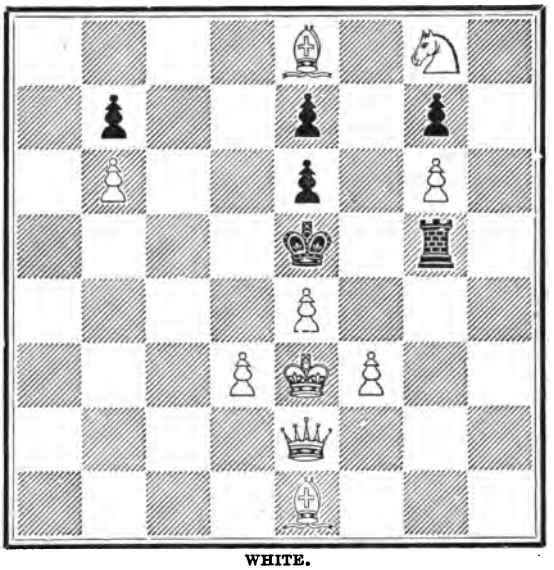
White to retract his last move and then to play and compel Black to mate in six moves.

No. 33.

BY J. A. MILES.

Dedicated to A. Demonchy.

BLACK.



WHITE.

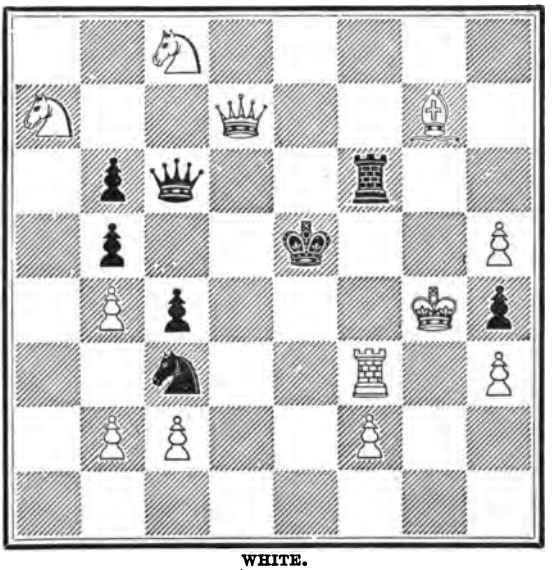
White compels Black to mate in six moves.

No. 34.

BY J. A. MILES.

Dedicated to K. W. Winkler.

BLACK.



WHITE.

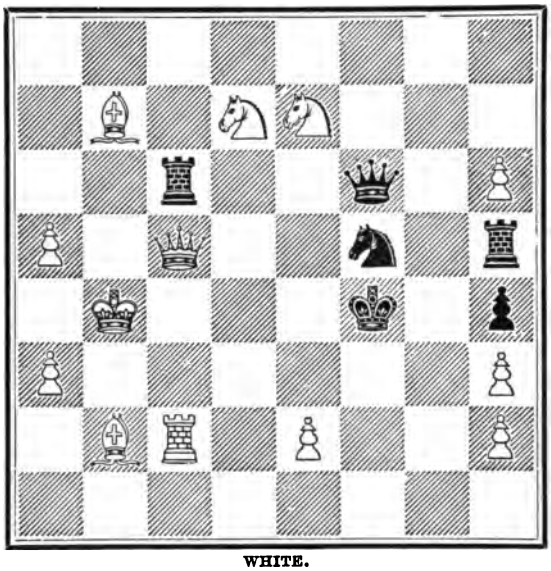
White compels Black to mate in five moves.

No. 35.

BY J. A. MILES.

Dedicated to J. Keeble.

BLACK.



WHITE.

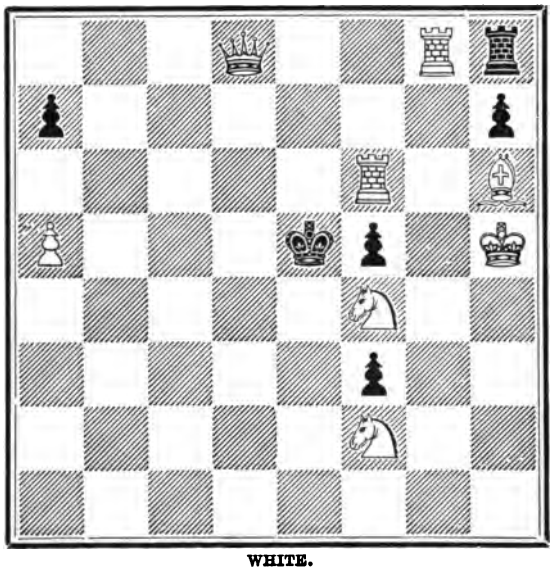
White compels Black to mate in five moves.

No. 36.

BY J. A. MILES.

Dedicated to James Rayner.

BLACK.



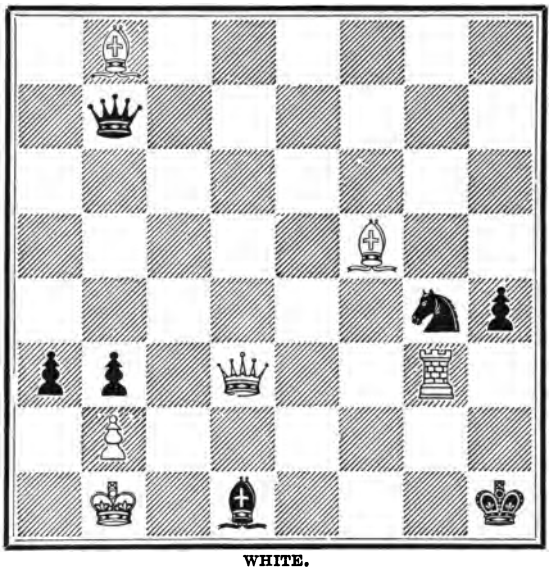
WHITE.

White compels Black to mate in seven moves.

No. 37.

BY H. J. C. ANDREWS.

BLACK.



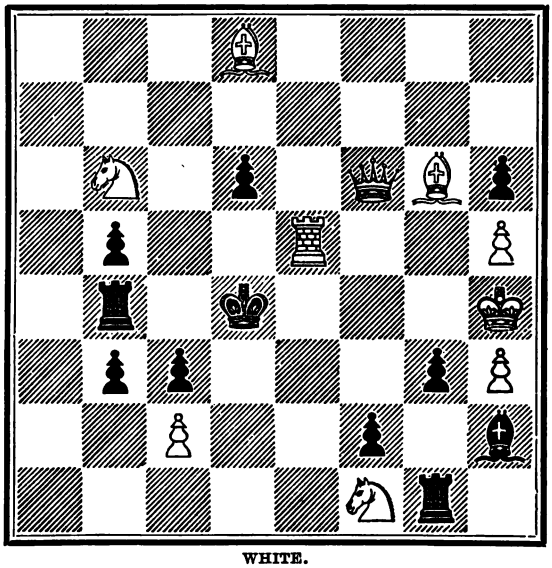
WHITE.

White compels Black to mate in eight moves.

No. 38.

BY J. C. BREMNER.

BLACK.



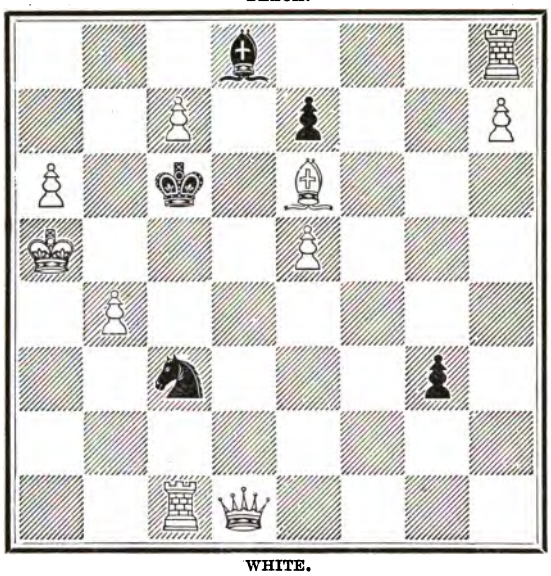
WHITE.

White compels Black to mate in four moves.

No. 39.

BY CECIL A. L. BULL.

BLACK.



WHITE.

White compels Black to mate in three moves.

No. 40.

BY F. C. COLLINS.

BLACK.

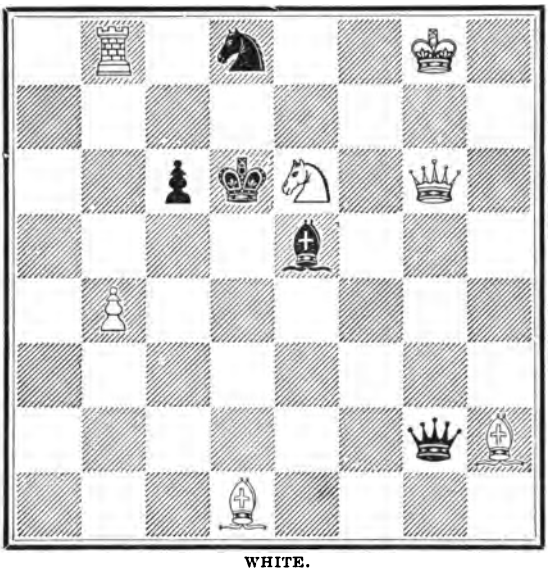
WHITE.

White compels Black to mate in six moves.

No. 41.

BY "EAST MARDEN."

BLACK.



WHITE.

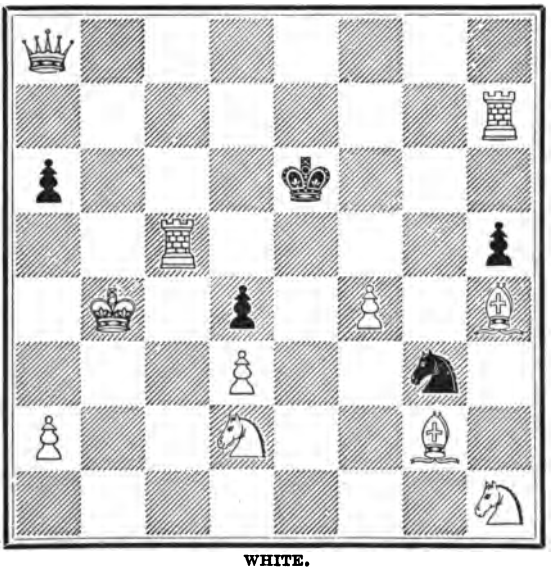
White undertakes, if he may retract his last move, to mate, or self-mate in two moves, or to draw by perpetual check.

No. 42.

BY E. N. FRANKENSTEIN.

Dedicated to J. A. Miles.

BLACK.



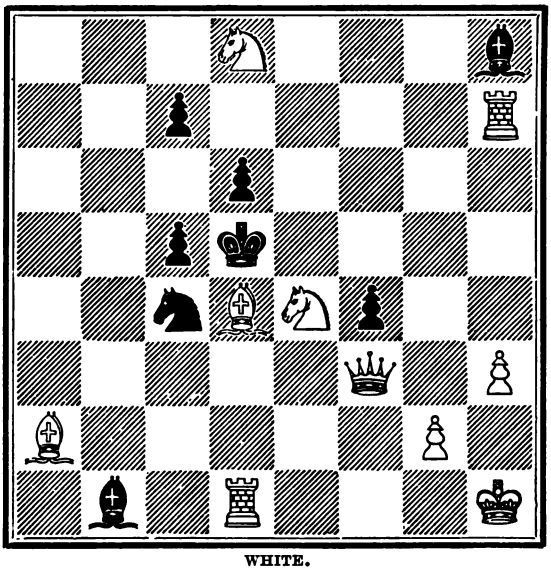
WHITE.

White compels Black to mate in ten moves.

No. 43.

BY E. N. FRANKENSTEIN.

BLACK.



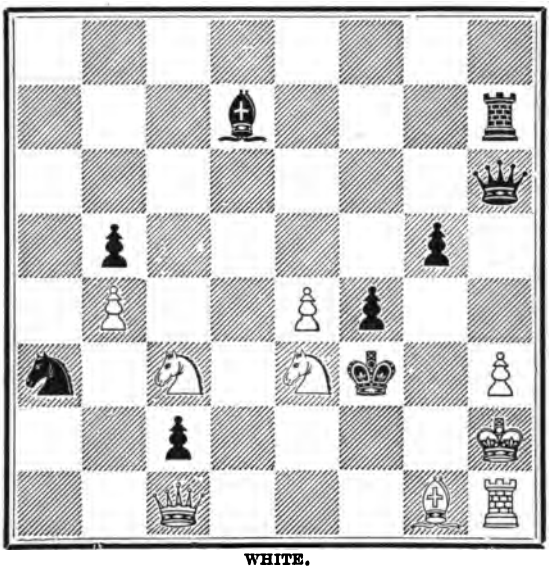
WHITE.

White compels Black to mate in eight moves.

No. 44.

BY E. N. FRANKENSTEIN.

BLACK.



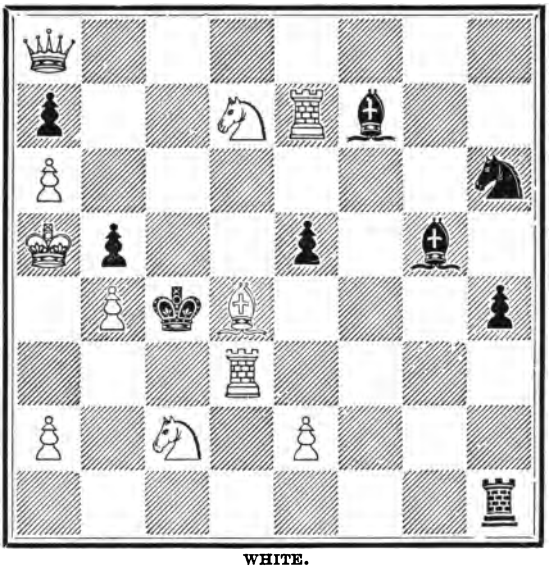
WHITE.

White compels Black to mate in three moves.

No. 45.

BY CHARLES A. GILBERG.

BLACK.



WHITE.

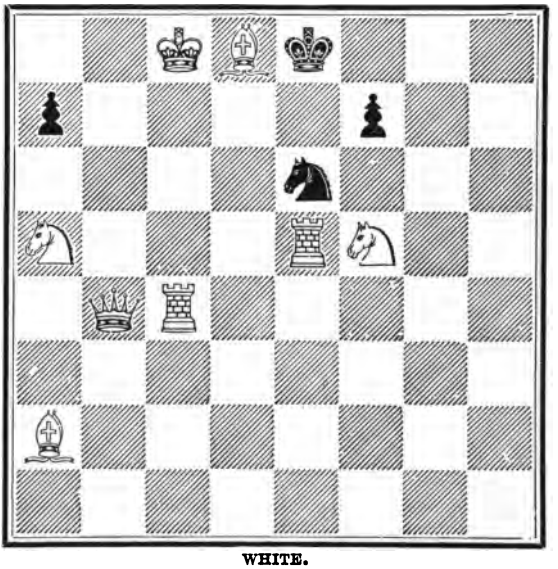
White compels Black to mate in three moves.

No. 46.

BY DOCTOR S. GOLD.

Dedicated to J. A. Miles.

BLACK.



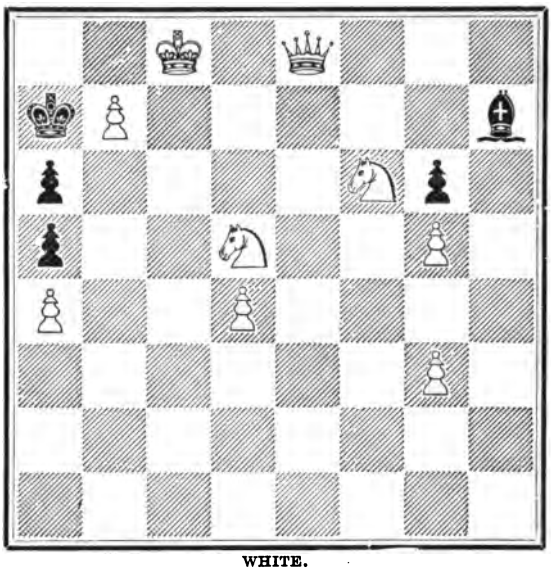
WHITE.

White compels Black to mate in nine moves.

No. 47.

BY DOCTOR S. GOLD.

BLACK.



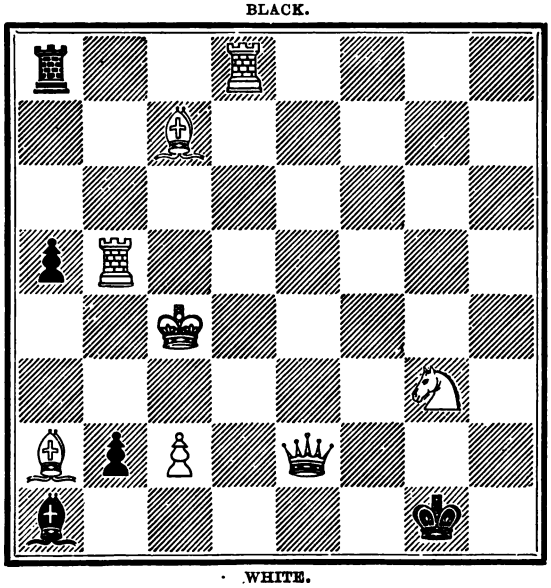
WHITE.

White compels Black to mate in six moves.

No. 48.

BY W. GREENWOOD.

BLACK.



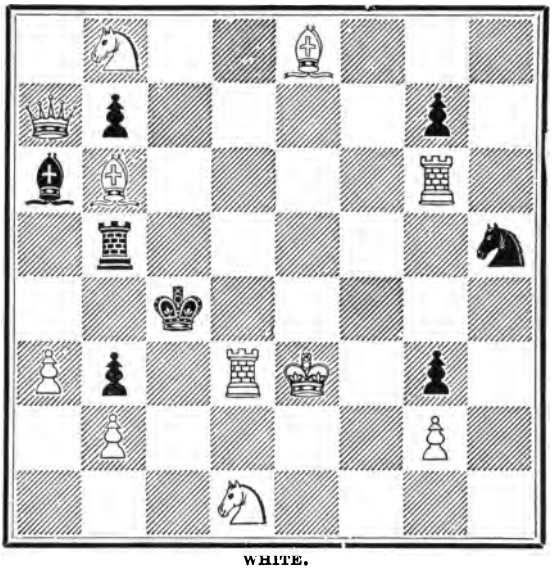
WHITE.

White compels Black to mate in eight moves.

No. 49.

BY TOM G. HART.

BLACK.



WHITE.

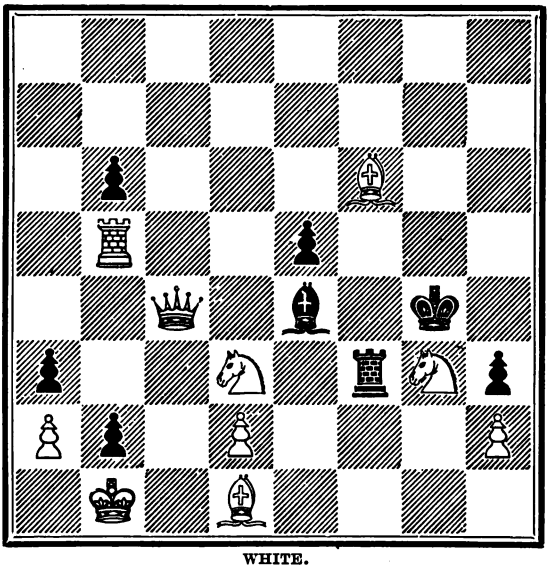
White compels Black to mate in nine moves.

No. 50.

BY J. KEEBLE.

Dedicated to J. A. Miles.

BLACK.



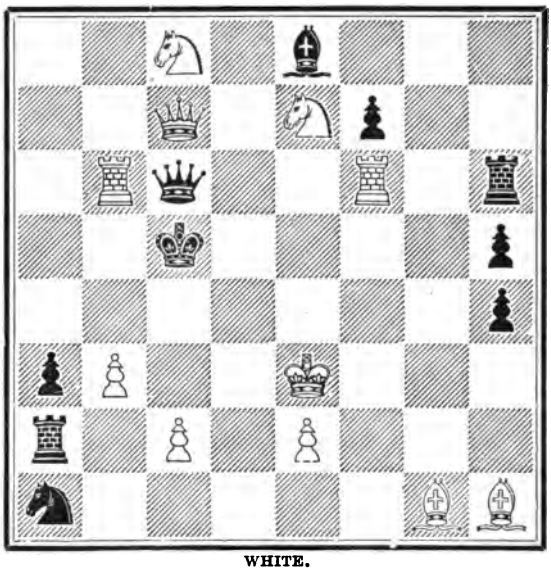
WHITE.

White compels Black to mate in eight moves.

No. 51.

BY J. KEEBLE.

BLACK.



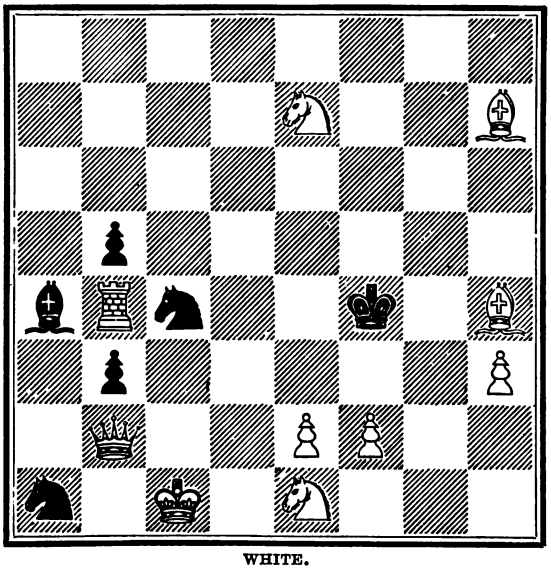
WHITE.

White compels Black to mate in four moves.

No. 52.

BY H. E. KIDSON.

BLACK.



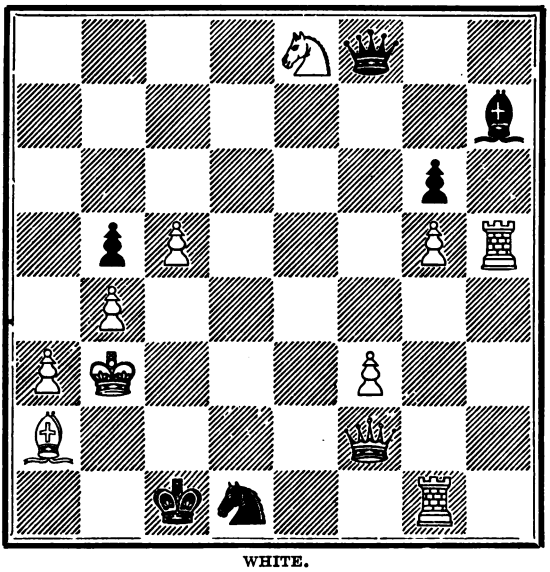
WHITE.

White compels Black to mate in five moves.

No. 53.

BY H. E. KIDSON.

BLACK.



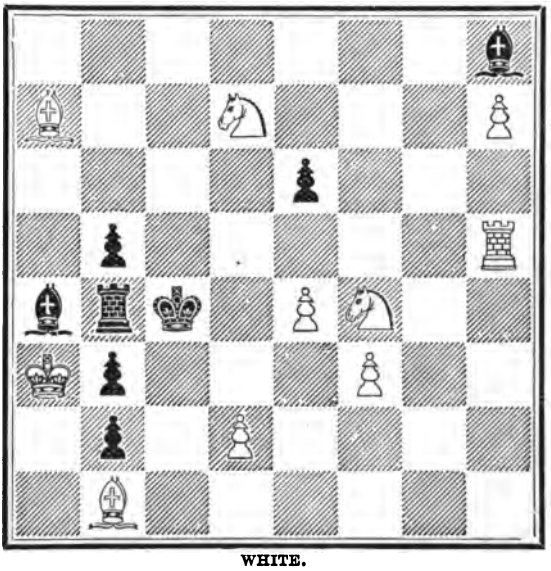
WHITE.

White compels Black to mate in two moves.

No. 54.

BY B. G. LAWS.

BLACK.



WHITE.

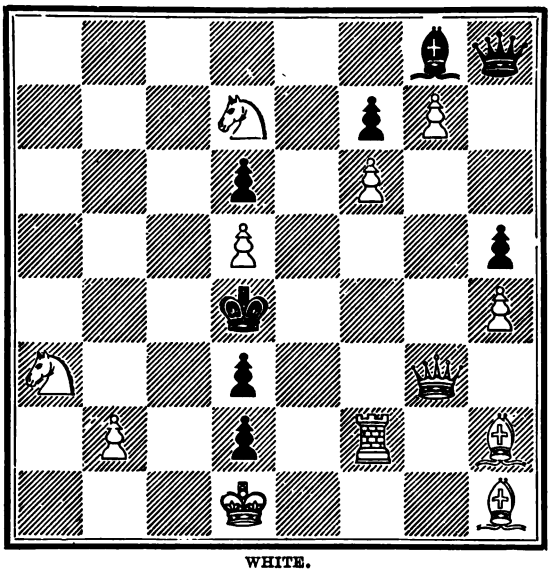
White compels Black to mate in six moves.

No. 55.

BY B. G. LAWS.

Dedicated to J. A. Miles.

BLACK.



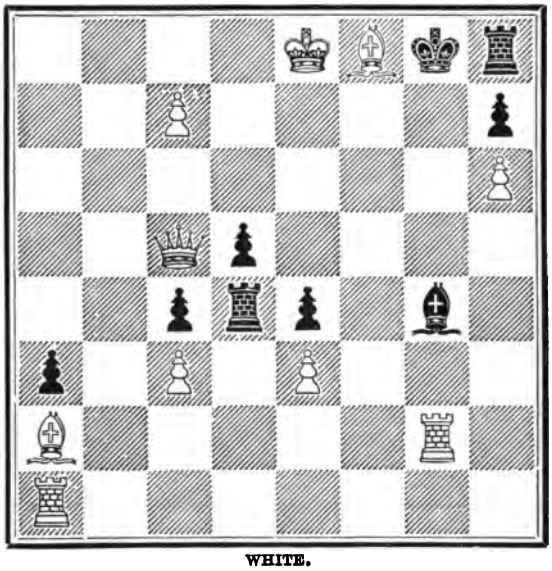
WHITE.

White compels Black to mate in three moves.

No. 56.

BY EMIL LINDQUIST.

BLACK.



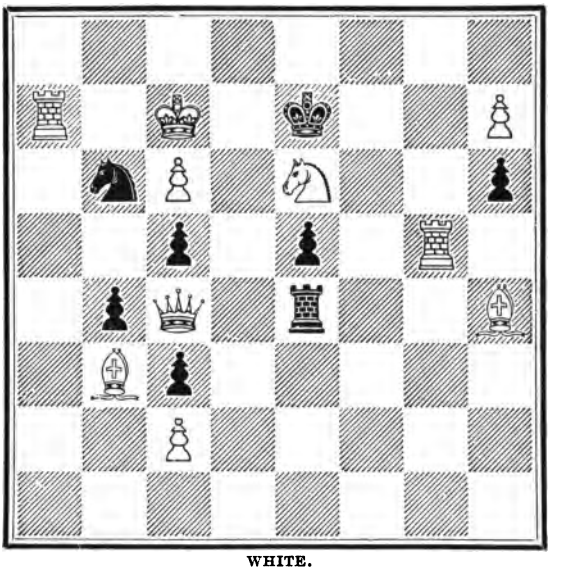
WHITE.

White compels Black to mate in four moves.

No. 57.

BY A. F. MACKENZIE.

BLACK.



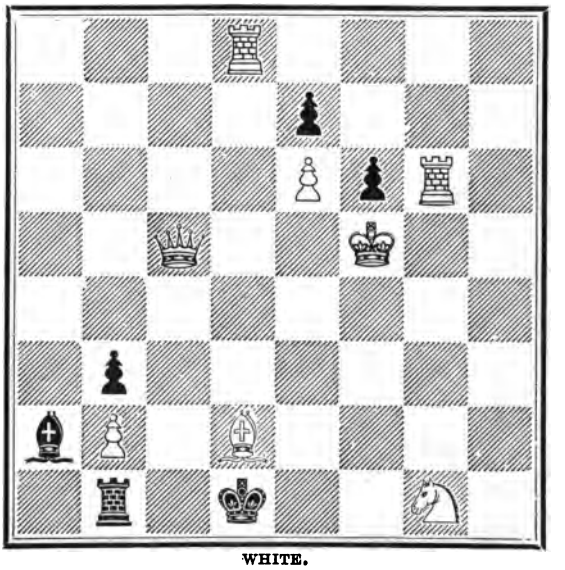
WHITE.

White compels Black to mate in seven moves.

No. 58.

BY A. F. MACKENZIE.

BLACK.



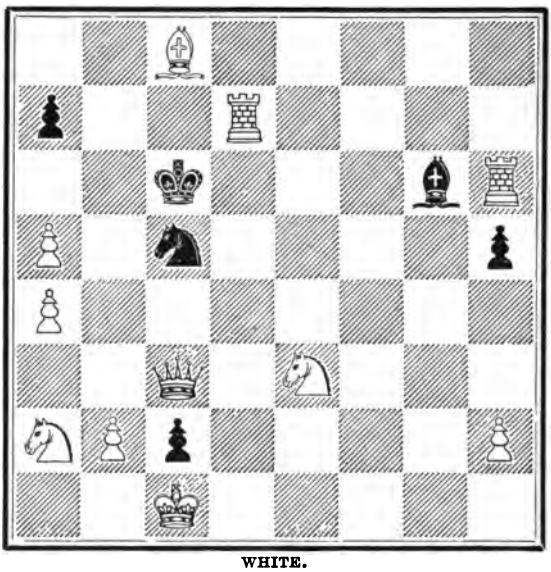
WHITE.

White compels Black to mate in six moves.

No. 59.

BY F. B. PHELPS.

BLACK.



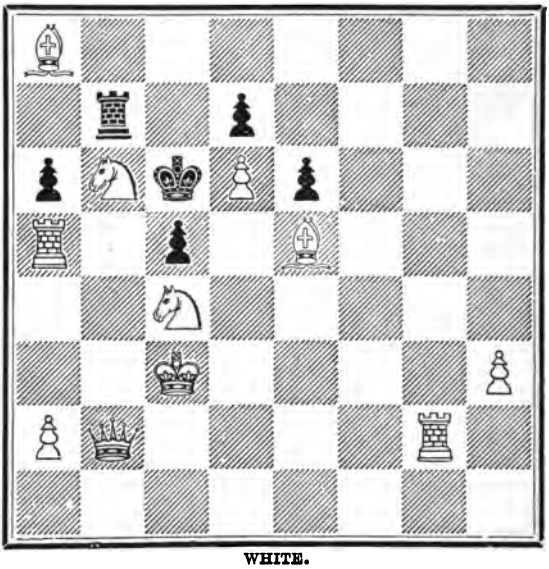
WHITE.

White compels Black to mate in six moves.

No. 60.

BY JAMES PIERCE, M.A.

BLACK.



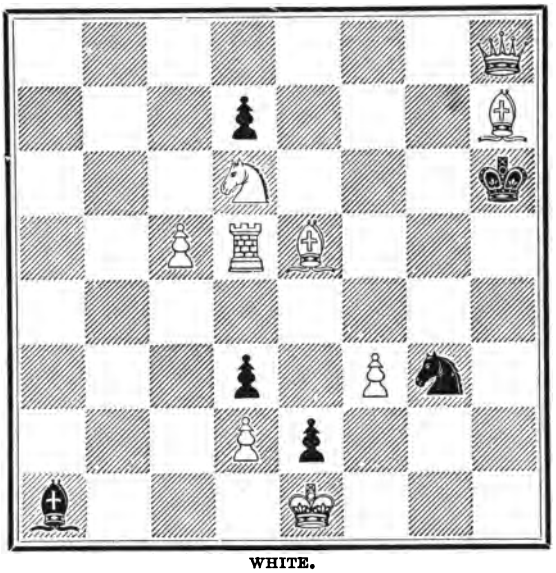
WHITE.

White compels Black to mate in eight moves.

No. 61.

BY C. PLANCK, M.A.

BLACK.



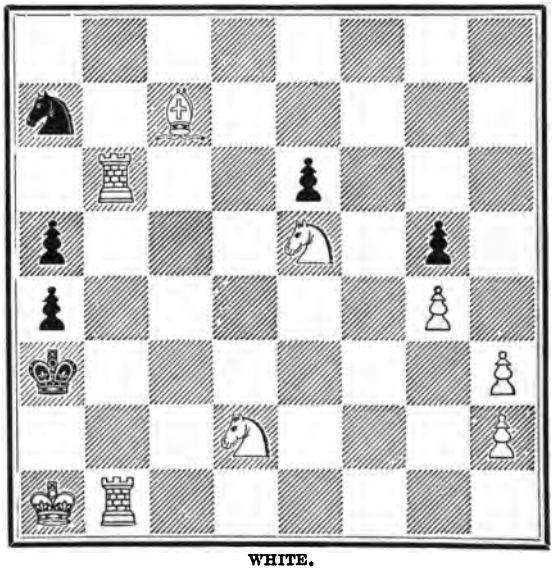
WHITE.

White compels Black to mate in eight moves.

No. 62.

BY C. PLANCK, M.A.

BLACK.



WHITE.

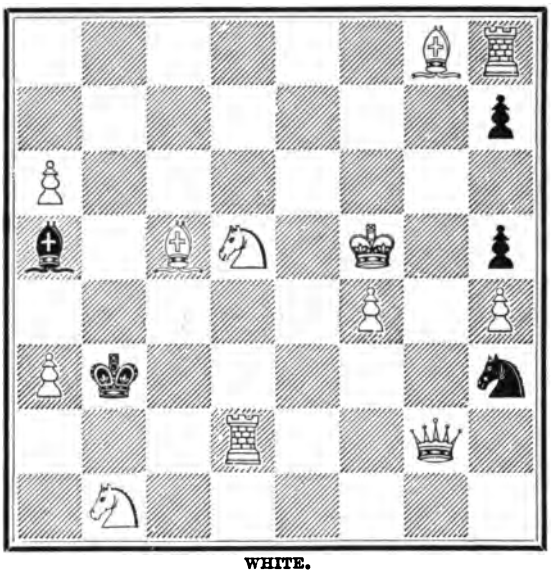
White compels Black to mate in eight moves.

No. 63.

BY C. PLANCK, M.A.

Dedicated to J. A. Miles.

BLACK.



WHITE.

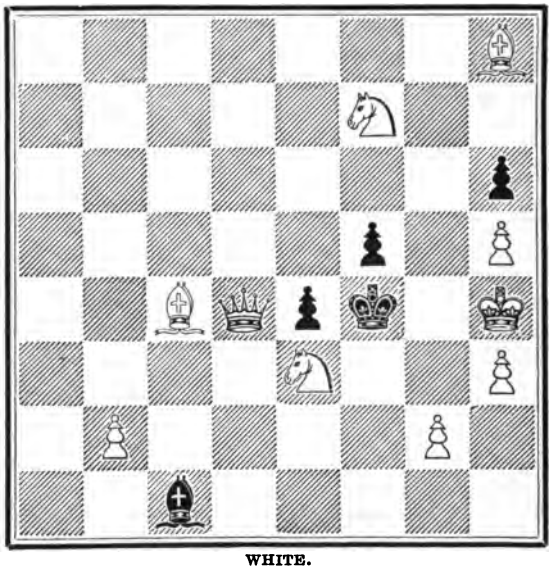
White compels Black to mate in fifteen moves.

No. 64.

BY JAMES RAYNER.

Dedicated to J. A. Miles.

BLACK.



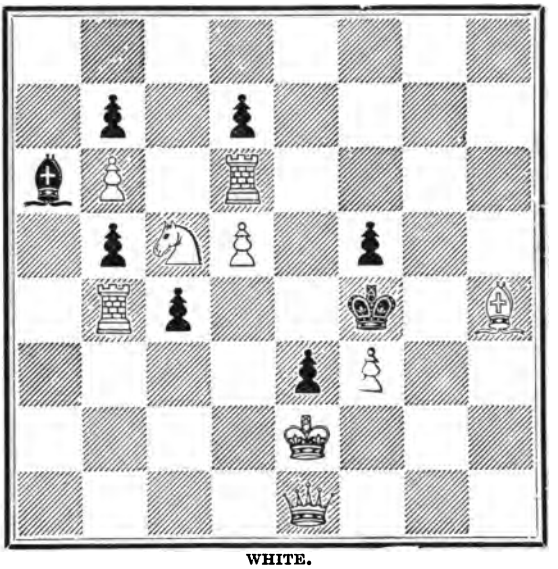
WHITE.

White compels Black to mate in four moves.

No. 65.

BY JAMES RAYNER.

BLACK.



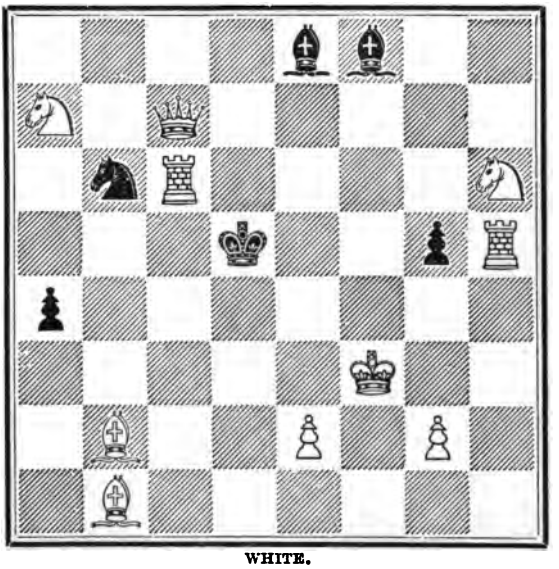
WHITE.

White compels Black to mate in eight moves.

No. 66.

BY T. B. ROWLAND.

BLACK.



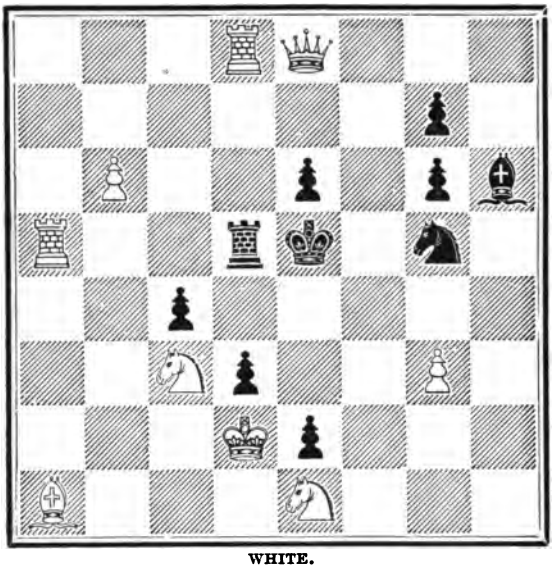
WHITE.

White compels Black to mate in nine moves.

No. 67.

BY T. B. ROWLAND.

BLACK.



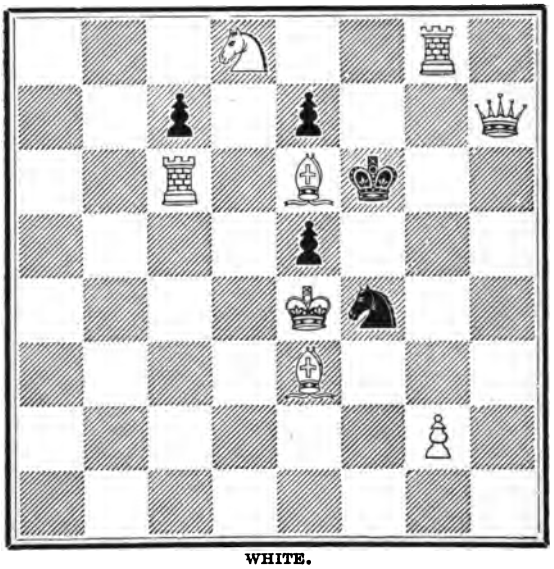
WHITE.

White compels Black to mate in two moves.

No. 68.

BY W. A. SHINKMAN.

BLACK.



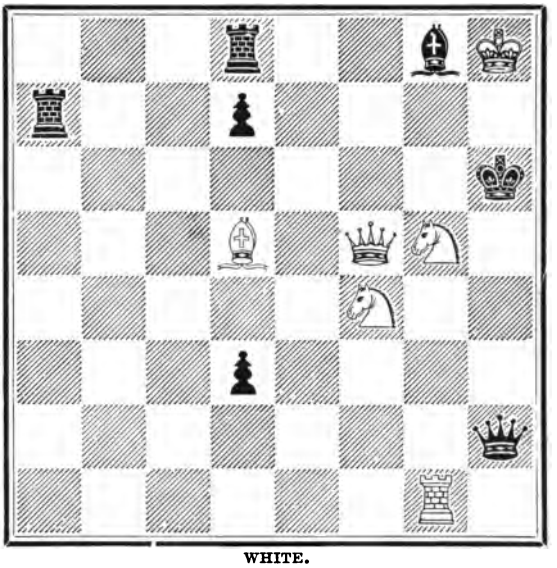
WHITE.

White compels Black to mate in six moves.

No. 69.

BY W. A. SHINKMAN.

BLACK.



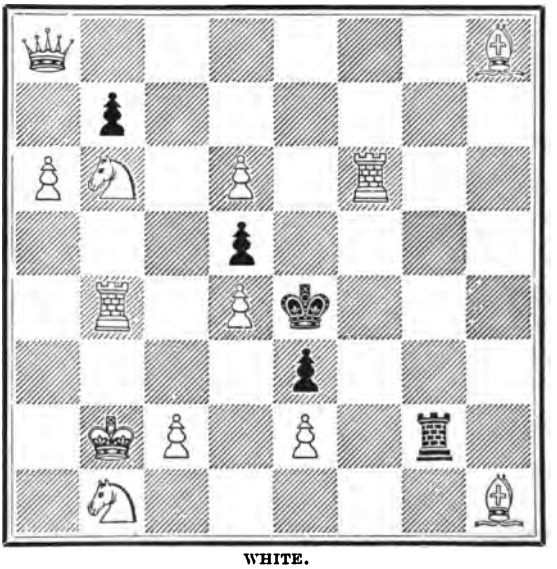
WHITE.

White compels Black to mate in two moves.

No. 70.

BY G. J. SLATER.

BLACK.



WHITE.

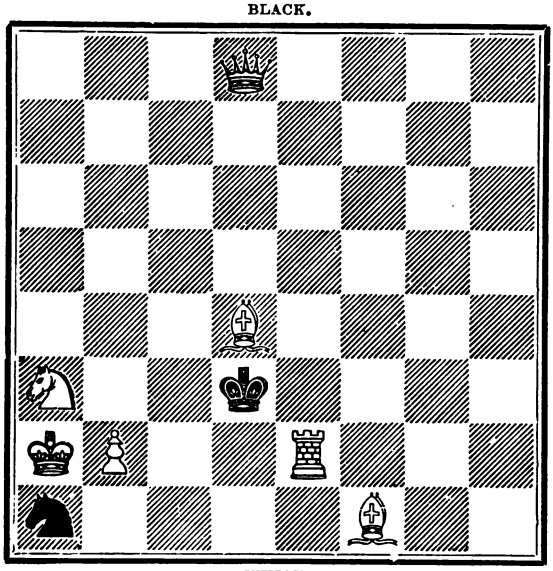
White compels Black to mate in eight moves.

No. 71.

BY G. J. SLATER.

Dedicated to J. A. Miles.

BLACK.



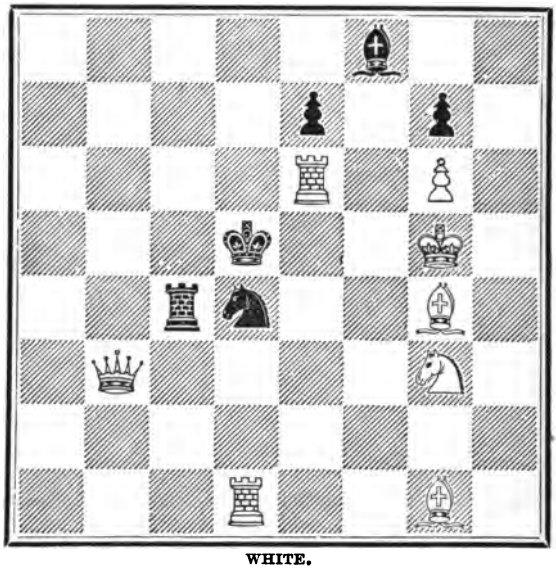
WHITE.

White compels Black to mate in seven moves.

No. 72.

BY G. J. SLATER.

BLACK.



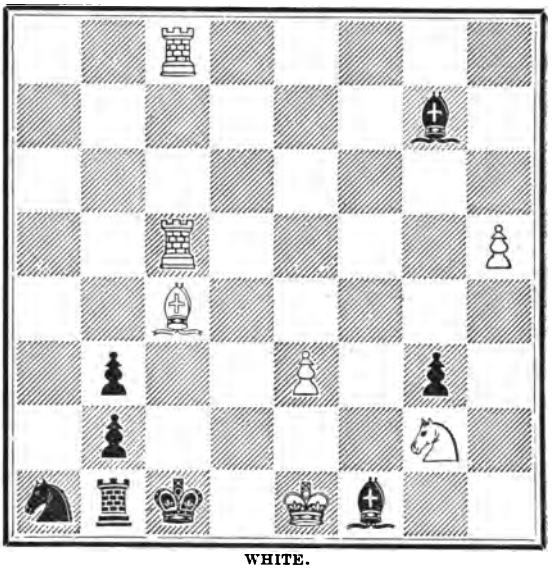
WHITE.

White compels Black to mate in six moves.

No. 73.

BY A. E. STUDD.

BLACK.



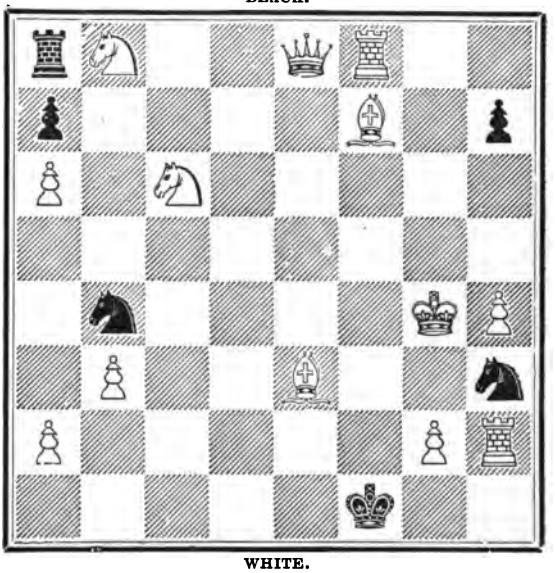
WHITE.

White compels Black to mate in four moves.

No. 74.

BY A. TOWNSEND.

BLACK.



WHITE.

White compels Black to mate in nine moves.

No. 75.

BY C. BEXLEY VANSITTART.

BLACK.

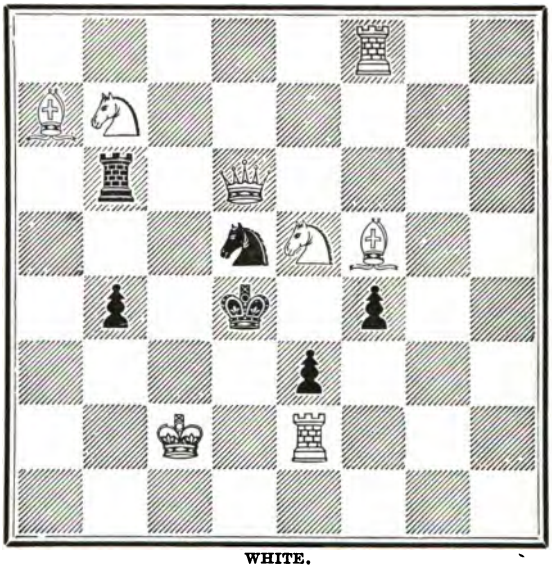
WHITE.

White compels Black to mate in four moves.

No. 76.

BY C. BEXLEY VANSITTART.

BLACK.



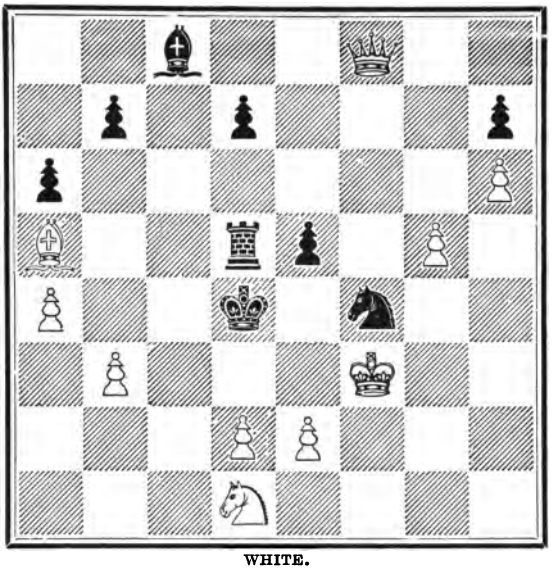
WHITE.

White compels Black to mate in five moves.

No. 77.

BY THE REV. W. WAYTE.

BLACK.



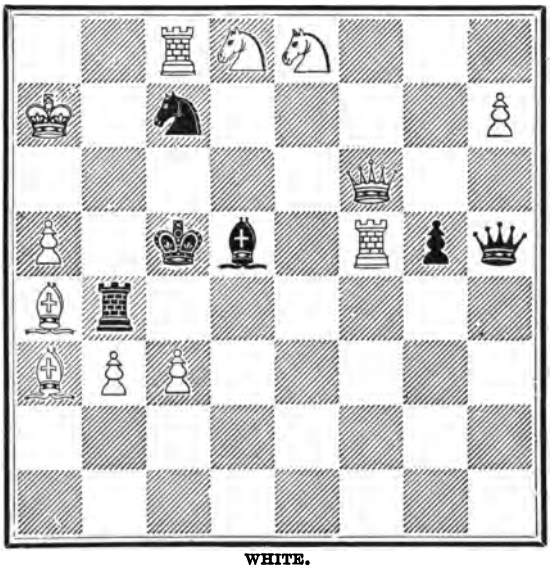
WHITE.

White compels Black to mate in six moves.

No. 78.

BY C. H. WHEELER.

BLACK.



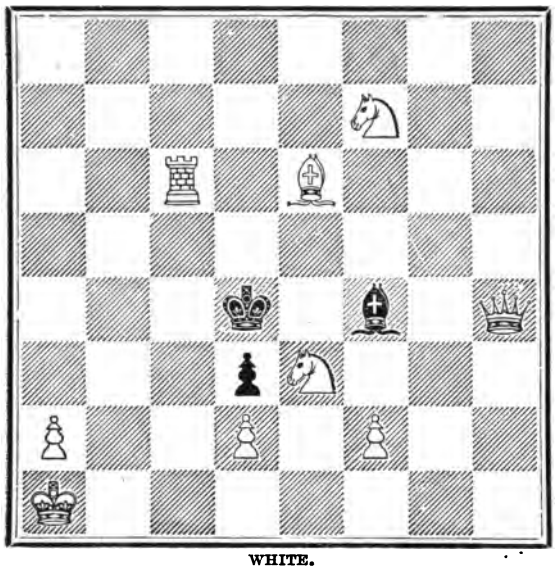
WHITE.

White compels Black to mate in three moves.

No. 79.

BY JAMES WHITE.

BLACK.



WHITE.

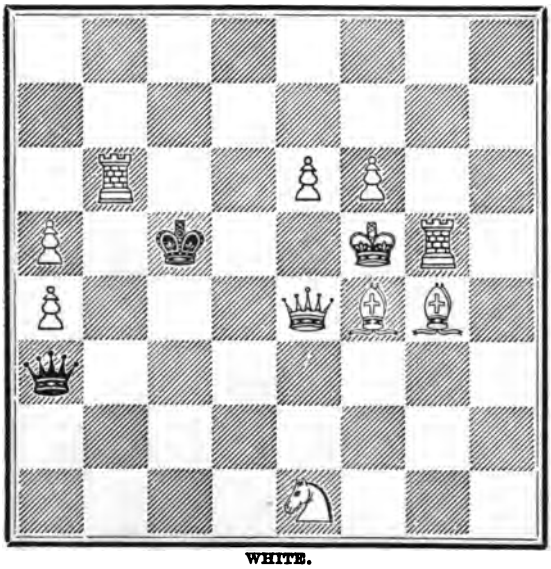
White compels Black to mate in seven moves.

No. 80.

BY K. W. WINKLER.

Dedicated to J. A. Miles.

BLACK.



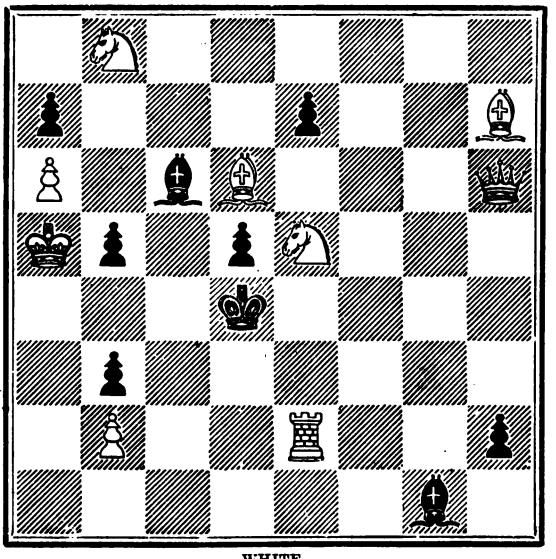
WHITE.

White compels Black to mate in six moves.

No. 81.

BY J. G. CHANCELLOR, B.A.

BLACK.



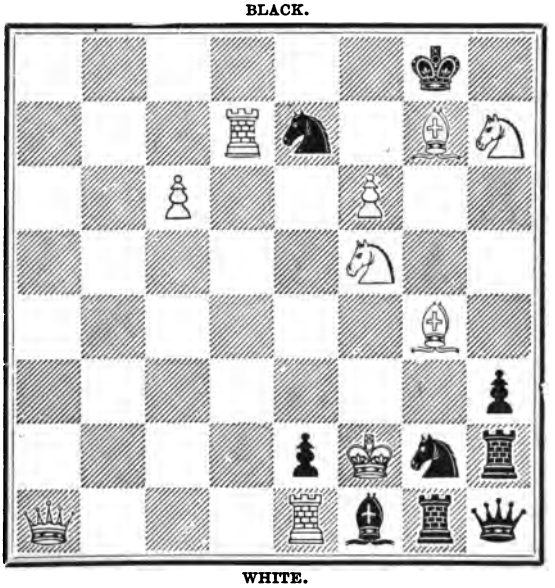
WHITE.

White compels Black to mate in three moves.

No. 82.

BY W. A. SHINKMAN.

BLACK.



WHITE.

White compels Black to mate in four moves.

No. 83.

BY S. H. THOMAS.

BLACK.

WHITE.

White compels Black to mate in five moves.

No. 84.

BY HERBERT JACOBS.

BLACK.

WHITE.

White compels Black to mate in eight moves.

No. 85.

BY HERBERT JACOBS.

BLACK.

WHITE.

White compels Black to mate in five moves.

No. 86.

BY J. KEEBLE AND B. G. LAWS.

BLACK.

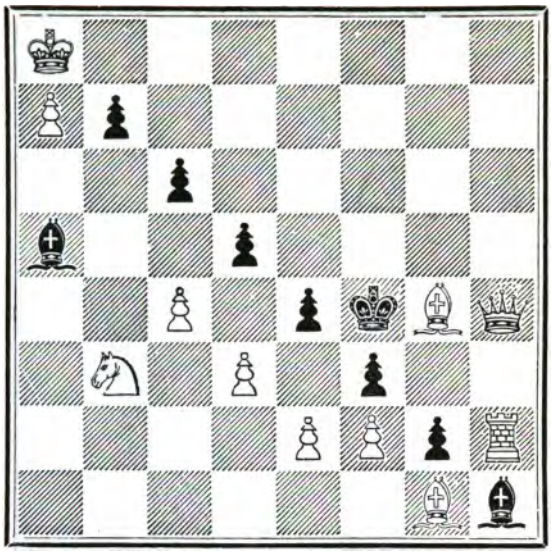
WHITE.

White compels Black to mate in five moves.

No. 87.

BY J. C. J. WAINWRIGHT.

BLACK.



WHITE.

White compels Black to mate in twelve moves.

No. 88.

BY A. TOWNSEND.

BLACK.

WHITE.

White compels Black to mate in sixteen moves.

SOLUTIONS.

No. 1.

WHITE.	BLACK.
1. Kt (K8)—Q B 7+	1. B×Kt.
2. Kt—K B 4+	2. B×Kt.
3. R—Q Kt 6+	3. B covers+
4. K—K 8.	4. R—R sq.
5. R—Kt 8.	5. R—R 2 (best).
6. R—R 8.	6. R×R mate.

No. 2.

1. R—K B 5 dis+	1. R×B.
2. Kt—Q B 7	2. R—K Kt 3.
3. Q—K Kt sq+	3. R×Q mate.
	or 2. R. elsewhere.
3. Q, R, R, Kt, B, or P×R.	
	3. Kt. mates.

No. 3.

1. Kt (B5)—Q 3.	1. Kt—Kt 6 (best).
2. Kt—K B 4.	2. Kt—B 8 (A).
3. Kt—K R 5.	3. Kt—R 7 (best).
4. Kt—Kt. 3.	4. Kt—B 8.
5. Kt×Kt.	5. B×P mate.
	or 4. Kt—Kt 5.
5. B×Kt.	5. B×P mate.
	(A.) 2. Kt—K 7.
3. Kt×Kt.	3. P×Kt.
4. Kt—Q 3.	4. P queens.
5. Kt×Q.	5. B×P mate.

No. 4.

White's last move was Kt. from Q R 8×B at Q B 2. Retract this, and then, to mate

1. Kt—Q B 6+	1. R×Kt.
2. R×Kt mate.	

to compel Black to mate

1. R×Kt+	1. R×R.
2. R×R+	2. B×R mate.

No. 5.

1. Kt—K 6+	1. K—K 6.
2. Kt×P+	2. B×Kt.
3. B—Kt 5+	3. Q covers.
4. R×P+	4. B covers,+
5. K—Q sq.	5. Q×B.
6. Q—Kt sq+	6. Q×Q mate.

No. 6.

1. Kt—Q B 5.	1. K—B 7 (A).
2. R—Kt 3.	2. K—B 8.
3. Kt—K 4.	3. P mates or Kt dis mate.
	(A.) 1. P+
2. K—K sq.	2. K—K 6 (best).
3. R×B.	3. Kt dis mate.

No. 7.

White's last move was R from Q 8×B at Kt sq. Retract, and then

WHITE.	BLACK.
1. Kt—Q B 2.	1. Q—Q 5 (A).
2. R×P+	2. Q covers (best).
3. Kt—B 3+	3. Kt×Kt.
4. Q—K 2+	4. Kt×Q.
5. Kt—Q 4+	5. Kt×Kt mate.
	(A.) 1. R×P+
2. B×R.	2. Q—Q 5*
3. B×Q.	3. Kt—B 6
4. B×Kt.	4. Any.
5. R+	5. B×R mate.
	* 2. Q—B. 6+
3. Kt×Q+	3. Kt×Kt.
4. Q—K 2+	4. Kt×Q.
5. R×P.+	5. B×R mate.
	if 2 Kt—B 6.

3. R×P+ and forces mate next move.

No. 8.

1. R—R 8+	1. Kt covers.
2. B×B dis+	2. B covers.
3. B—Q 7+	3. K—B sq.
4. B—Q B 5+	4. Kt covers.
5. Kt×Q B P.	5. P—R 4.
6. Kt—Q Kt 4.	6. P×Kt.
7. K—B 4.	7. P moves.
8. K—K 5.	8. do.
9. B—K 6.	9. K—K sq.
10. Q×P+	10. Kt×Q Mate.

No. 9.

1. R—Kt 7 dis+	1. Kt covers.
2. Q—K 2+	2. R covers.
3. K—Q 5.	3. P—R 6.
4. B—Q 4.	4. P—R 7.
5. Kt—R3.	5. P—Kt 8 (a Kt).
6. Q×R+	6. Kt×Q (best).
7. R—Kt 5+	7. Kt×R dis mate.

No. 10.

White's last move was R from Q 3×R at R 6. Replace Black Rook on R 6 and White R on Q 3, and then play

1. Q—B sq.+	1. Kt×Q.
2. R—Kt sq+	2. K—B 7.
3. R—Q 5 dis+	3. R—Q 6.
4. B—Q B 3.	4. Kt×Kt+ or Kt×P.
5. Kt×Kt.	5. P—Q B 3.
6. B (K4)×P.	6. P×R mate.
	if 4. Kt—Kt 6.

5. P×Kt, &c.

No. 11.

WHITE.	BLACK.
1. P+	1. K—Kt 2.
2. Q—Q Kt 5+	2. K—B sq.
3. R—R 8+	3. Kt covers.
4. B—K 7 dis+	4. B covers.
5. B—K B 5+	5. Kt. covers.
6. Q—Q B 6.	6. P—R 4.
7. Kt—K 8.	7. B—R 2 (best).
8. Kt—Kt 7 dis+	8. B covers.
9. P—R 4.	9. P—B 3.
10. B—Q 6.	10. K—Q sq.
11. Q×P+	11. Kt×Q mate.

No. 12.

1. Q—B 8+	1. K—K 4.
2. R—Kt 5+	2. B covers.
3. R—K 6+	3. K—Q 4.
4. B—B 3+	4. Kt covers.
5. B×B.	5. P—R 4.
6. P—Kt 4.	6. P×P.
7. P—B 4+	7. P×P en passant
8. Q—Q 7+	8. K—K B 5.
9. P+	9. K—Kt 6.
10. R×B.	10. Kt anywhere except to Q 7.
11. R, B, or P×Kt.	11. P mates.

No. 13.

1. B—K 5+	1. Q covers (A).
2. Kt—K 6.	2. Q×B*
3. Kt—Q 5+	3. Q×Kt.
4. Q×P+	4. Q covers.
5. Q—Q 2+	5. Q×Q mate. or Kt×Q dis mate
	* 2. Kt—R 6.
3. Q—Q B 5.	3. Kt×P.
4. R—R 3+	4. Kt×R.
5. Q×Kt+	5. Kt×Q dis mate.
(A).	1. Kt covers.
2. Kt—K 4+	2. Q×Kt.
3. Q×Kt+	3. Q×Q.
4. Kt—Q B 6.	4. Q×B.
5. R—R 3+	5. Kt×R dis mate.

No. 14.

1. P—Kt 5.	1. B×P.
2. Kt×Kt dis+	2. B×R.
3. Kt—Q Kt sq dis+	3. B—Q 7.
4. R—Q R 3.	4. B—Q B 6 (best).
5. B—Q 2.	5. B×B.
6. P+	6. B×P.
7. Q—Q 4+	7. B×Q mate.

No. 15.

1. Kt—K 2 dis+	1. Q covers.
2. R—K 7+	2. Kt covers.
3. Kt×R.	3. Q×B.
4. Kt—K B 3+	4. Q×Kt.
5. Q—Q B 5+	5. Q covers.
6. Q—K 3+	6. ,,
7. Q—K Kt 5+	7. ,,
8. Q—Kt 7+	8. ,,
9. R—K 8.	9. Q×Q mate.

No. 16.

WHITE.	BLACK.
1. Q—K B 8+	1. K—R 2.
2. R—Kt 7+	2. K—R 3.
3. Kt—Q 3 dis+	3. K—R 4.
4. R—R 7+	4. K—Kt 5.
5. Q—Q B 8+	5. Kt covers.
6. Kt—Q 5.	6. P—R 4 (best).
7. R—R 8.	7. Kt—Kt 3.
8. Q×Kt+	8. Kt×Q.
9. Kt—K B 6+	9. Kt×Kt mate.
	if 7. Kt—Kt 7.
8. B—Q sq+	8. Kt×B.
9. Kt—B 2+	9. Kt×Kt mate.

No. 17.

1. R—Q B 7.	1. K moves.
2. B—K Kt 8.	2. ,,
3. R—Q B 5.	3. ,,
4. Kt×P+	4. ,,
5. Q—K B 6+	5. B covers.
6. K—R sq.	6. B×Q.
7. Kt—Q B 2+	7. P×Kt.
8. R—Q 5+	8. K—B 6 (best).
9. R—Q 3+	9. K×R dis mate.

No. 18.

1. R—Q Kt 7.	1. K moves.
2. Q—K Kt 4.	2. ,,
3. B—Q 6.	3. ,,
4. Kt×P+	4. ,,
5. K—R sq.	5. K—B 6.
6. B—K 5+	6. B×B.
7. Kt—Q 5+	7. K—B 7 dis+
8. R—Kt 2+	8. B×R mate.

No. 19.

1. Q—Q R 4.	1. Kt×B or Kt.
2. B—K B 2+	2. Kt.×B.
3. R—Q 3+	3. Kt×R.
4. Q—K B 4+	4. Kt×Q mate.
	if 1. R×Q.
2. B—Q B 7+	2. R—K B 5.
3. R—Q 3+	3. Kt×R.
4. B×R+	4. Kt×B mate.
	if 1. R—Q sq.
2. B—B 7+	2. R covers.
3. R—Q 3+, &c.	
	if 1. B—Q 2.
2. R—Q 3+	2. Kt×R.
3. Q—K Kt 4+	3. B×Q mate.

No. 20.

1. B—K R 4 dis+	1. Kt covers.
2. Q—K B 4+	2. Kt covers+
3. K—K 5.	3. P—R 3.
4. Kt—K 7.	4. K×Kt.
5. R—K Kt 8.	5. Kt—Q B 3 mate.

No. 21.

1. R—Q R 5+	1. B covers.
2. R—B 8+	2. Q covers.
3. R×Q+	3. B×R.
4. Q—Q 8.	4. P moves.
5. Q—K 8.	5. ,,
6. B—Q B 6.	6. P×B.
7. Q×P+	7. B covers.
8. R—R sq.	8. B×Q mate.

No. 22.

WHITE.	BLACK.
1 to 3 as in No. 21.	
4. Q×P+	4. B×Q.
5. P—B 7.	5. B moves.
6. P—B 8 (a B).	6. B—Kt (2 best).
7. R—R sq.	7. B—Q 4 (best).
8. P—Kt 8 (a Kt).	8. B—B 3.
9. B—Q 5.	9. B—Kt 2.
10. B—B 6.	10. B×B mate.

No. 23.

1. R—R 8+	1. K—Kt 4.
2. Kt—Q Kt 6 dis+	2. K—Kt 5.
3. Q—K sq+	3. Kt covers.
4. Kt—Q 5+	4. P×Kt.
5. K—Q 4.	5. P—R 4 (best).
6. R—R 7.	6. Kt—K Kt 3.
7. Q—K 7+	7. Kt×Q.
8. Kt—Q B 6+	8. Kt×Kt mate.

No. 24.

1. R—Kt 8+	1. K—R 2.
2. Kt—B 8+	2. K—R 3.
3. Q×P+	3. Q covers.
4. Q—R 4+	4. ,,
5. B—K 3+	5. R covers.
6. R×P.	6. Q×Q.
7. R—Kt 6+	7. K—R 4.
8. B—K 2+	8. R covers.
9. K—R sq.	9. Q×R mate.

No. 25.

1. R—K B 6.	1. K moves.
2. Q—Q B 2.	2. ,,
3. R×P+	3. K×R.
4. K—R 3.	4. K—R 4.
5. Q—K 2.	5. P—Kt 4.
6. Q—Q Kt 2.	6. P mates.

No. 26.

1. Q—Q 3+	1. K—Kt 5 dis+
2. Q—K 4+	2. K×Kt.
3. Kt—K R 6.	3. Kt—Q B 3 (A).
4. Q×Kt (Kt8).	4. Any.
5. Q—K B sq. +	5. R×Q or P covers mate.
(A).	3. Kt—K B 6.
4. Q×Kt (B6).	4. Any.
5. Q—K Kt 2+	5. B×Q mate.

No. 27.

1. R—Kt 3+	1. P×R.
2. B—Kt 4+	2. P×B.
3. Q×B P	3. R×Q (A).
4. R—R 8+	4. B covers.
5. R×B+	5. R×R dis mate
(A).	3. B—Kt 4.
4. B×B.	4. R×Q.
5. R—R 8+	5. R covers dis mate

No. 28.

WHITE.	BLACK.
1. B—Q Kt 5.	1. Q—R 6 (best).
2. P×B (a R).	2. Q—R 4 or 8.
3. R—B 3+	3 Q×R.
4. Q—K B 3+	4. Q×Q mate.
	if 2. Q×R.
3. R—K 3+	3. Q×R.
4. Q—K B 3+	4. Q×Q mate.
	if 2. Q—R 5.
3. Kt—K B 4+	3. Q×Kt.
4. Q—K B 3+	4. Q×Q mate.
	if 2. Q—R 3 or K B sq
3. Q—K Kt 4+	3. P×Q.
4. B—K B sq+	4. Q×B mate.
	if 2. P—K B 5.
3. R×Q.	3. P—B 6.
4. Q—Kt 2+	4. P×Q mate.

No. 29.

1. Kt (Q6)—K B 5+	1. Kt×Kt.
2. R—Q R 3 dis+	2. Kt covers.
3. Q—Q Kt 2+	3. Kt covers.
4. R—Q 7+	4. B covers best.
5. R×R.	5. P—R 6 (A).
6. R×B.	6. P—K 5 mate.
(A).	5. B×R.
6. Kt—Q B 6+	6. B×Kt mate.

No. 30.

White's last move was R from K 7×P. Retract this and

1. B—Kt 2+	1. Kt covers.
2. Q—Kt 6+	2. Q covers.
3. R×B+	3. P×R.
4. Kt—K 3.	4. Q×Q+ (best).
5. Kt×Q.	5. P—K 4.
6. Kt—B 4.	6. P×Kt mate.

No. 31.

1. R—R 2 dis+	1. Kt covers.
2. Q—K Kt 6+	2. Q covers.
3. R—R 4+	3. B covers+
4. K—Kt 2.	4. Kt+
5. K—Kt 3 dis+	5. Kt covers.
6. R—Q Kt 4.	6. Q×Q mate.

No. 32.

White's last move was B from K 7 to Q R 3. Retract this and

1. Kt—R 4+	1. K—Q 5.
2. B—K B 6+	2. Q covers.
3. R×P+	3. Kt covers+
4. K—B 3.	4. Q×B+
5. Q covers.	5. Q—K 3 or Q B 3
6. Q—K 4+	6. Q×Q mate.
	if 5. Q—Q 3 or K Kt 4.
6. Q—K B 4+	6. Q×Q mate.
	if 5. Q elsewhere.
6. Q—K B 6+	6. Q×Q mate.

The Black Queen has option of 13 moves at move 5.

No. 33.

WHITE.	BLACK.
1. Q—Q Kt 2+	1. K—Q 3.
2. B—Q Kt 4+	2. R covers.
3. Q×K Kt P.	3. P—K 4.
4. Q—K B 7.	4. P—K 3.
5. Q—B 4.	5. P×Q+
6. K—Q 4.	6. P mates.

No. 34.

1. Q—K B 5+	1. K—Q 5.
2. R—B 4+	2. Kt covers (A).
3. K—B 3.	3. Q anywhere.
4. Kt—Q B 6+	4. Q×Kt.
5. R×Kt+	5. Q×R mate.
(A).	2. Q covers.
3. Kt×P+	3. Kt×Kt.
4. Q×Kt.	4. P—B 6.
5. P—Kt 3.	5. Q×R mate.

No. 35.

1. B—B sq+	1. Kt covers (A).
2. B×Kt.+	2. K—K 5.
3. R—B 4+	3. Q covers.
4. Q—K Kt 5.	4. R×Q.
5. B×R.	5. Q×R mate.
	if 4. R×P.
5. Q×R.	5. Q×R mate.
	(A). 1. K—K 5.
2. R—B 4+	2. Q covers.
3. Q×Kt+	3. R×Q.
4. B×R+	4. R covers.
5. K—R 4.	5. Q×R mate.
	if 2. Kt covers.
3. Q×Kt, &c.	

No. 36.

1. B—K B 8.	1. R×R (A).
2. R—K 6+	2. K×Kt.
3. Q—R 4+	3. R covers.
4. Q—R 2+	4. ,,
5. K—R 6.	5. P—R 3.
6. Q—R 4+	6. R covers.
7. B—Kt 7.	7. R×Q mate.
(A).	1. K×Kt.
2. R—K 6.	2. P—K R 3 best.
3. R—Kt 4+	3. P×R.
4. B—Q 6+	4. K—B 4.
5. R—K 5+	5. K—B 5.
6. R—K 4+	6. K—B 4.
7. Q—Kt 5+	7. P×Q dis mate.

No. 37.

1. Q—B sq+	1. K—R 7.
2. R—Kt 2+	2. K—R 6.
3. R×Kt dis+	3. Q—Kt 7.
4. R—R 4 dis+	4. B—Kt 5.
5. R×Q R P.	5. B×B+
6. Q×B+	6. Q—Kt 5.
7. Q—B sq+	7. Q—Kt 7.
8. R—R 4.	8. Q×Q mate.

No. 38.

WHITE.	BLACK.
1. B—K 4.	1. P×R (A).
2. Q—Q6+	2. K×B.
3. Q—Q 3+	3. K--B 5.
4. B--Kt 5+	4. P×B mate.
	(A). 1. R×Kt (B).
2. Q×P+	2. K—K 6.
3. Q—Q 3+	3. K—B 5.
4. Q×P+	4. B×Q mate.
	(B). 1. Any other.
2. R—Q 5+	2. K×B.
3. R—Q 4+	3. R×R.
4. Q—B 5+	4. K×Q dis mate.

No. 39.

1. Q—K Kt sq.	1. P—Kt 7 (A).
2. R—K B 8.	2. K×P.
3. R—K B 2.	3. K dis covers mate
	(A). 1. K×P.
2. Q—R 7+	2. K—B 3 dis+
3. Q—Kt 6+	3. B×Q mate.

No. 40.

1. R—Q R 3.	1. K moves.
2. B—R 7.	2. ,,
3. Kt—Kt 8.	3. ,,
4. Kt×P+	4. ,,
5. R×R P.	5. R×Kt.
6. Q—Q B 7+	6. Kt×Q mate.

No. 41.

White's last move was P at Q B 7×Kt at Q Kt sq. claiming a Rook. Retract this and to mate in two moves, play

1. P×Kt at Kt sq.
claiming a Q+1 K—Q 4.
2. B—Q Kt 3 mate.

To self-mate in two moves.

1. P×Kt atQ sq.
Claiming a Q+1 Kt covers.
2. Kt—Q B 7 dis+ 2. Q×Q mate.

To draw.

1. P—Q B 8 (a Kt)	1. K moves.
2. Kt—Q Kt 6+	2. ,,
3. Kt—Q B 8+	3. ,,
4. Kt—Q Kt 6+	Drawing by perpetual check.

No. 42.

1. B—R 3+	1. Kt—B 4 (A).
2. Q—Q Kt 8.	2. P—R 4+
3. K—R 3.	3. P—R 5.
4. B—K sq.	4. K—B 3.
5. B×Kt.	5. P—R 5.
6. Kt—Kt sq.	6. P—R 6.
7. K—Kt 2.	7. P - R 7.
8. K—R sq.	8. P—R 6.
9. B—B 3.	9. P×B.
10. Q—Kt. 2.	10. P×Q mate.
(A).	1. K—Q 3.
2. R—B 6+	2. K—Q 4.
3. B—Kt 2+	3. Kt—K 5.
4. K—R 4.	4. P—R 4.
5. Q—Q 8+	5. K×R.
6. P—R 3.	6. K—B 4.
7. Kt—Kt 3+	7. K—B 3.
8. Q - Q 7+	8. K—Kt 3.
9. B—Q 8+	9. K—R 3.
10. Kt—B 5+	10. Kt×Kt mate.

No. 43.

WHITE.	BLACK.
1 R—R 5+	1. B covers.
2. B—Kt sq dis+	2. B covers.
3. P—Kt 3.	3. P×P.
4. K—Kt 2.	4. P moves.
5. Kt—Q 2 dis+	5. B covers.
6. Kt—Kt 3 dis+	6. Kt covers.
7. Kt—R 5 dis+	7. P covers.
8. Kt (R 5)×B P.	8. B×Q mate.

No. 44.

1. Kt—Q B 4.	1. Kt—Kt 8 (A).
2. Kt- Q 2+	2. Kt×Kt.
3. Q—K B sq.+	3. Kt×Q mate.
(A).	1. B×P (B).
2. Q—B sq.+	2. K—Kt 5.
3. Q×B+	3. Q×Q mate.
(B).	1. Q—R 5 or Q Kt 3. (C).
2. Q—B sq.+	2. Q covers+
3. Q—Kt 2+	3. Q×Q mate.
(C).	1. Q—Q 3 or K B 3. or Kt 2.
2. Kt—K 5+	2. Q×Kt.
3. Q—K 3+	3. P×Q dis mate.
(D).	1. Any other.
2. Q—K sq.	2. Any.
3. Q—Kt 3+	3. P×Q mate.

No. 45.

1. B—Q R sq.	1. B—Q B 8 (A). or Q 7 or K B 5.
2. Kt—K 3+	2. B×Kt.
3. Kt—Q Kt 6+	3. B×Kt mate.
(A).	1. B—K B 3 (B).
2. Kt×P+	2. B×Kt.
3. R—Q B 7+	3. B×R mate.
(B).	1. Kt—K B 4 (C).
2. Q—K 4+	2. Kt covers.
3. Q—Q B 6+	3. Kt×Q mate.
(C).	1. Kt—K Kt 5 (D).
2. Kt×P+	2. Kt×Kt.
3. Q—Q B 6+	3. Kt×Q mate.
(D).	1. R—K R 6 (E).
2. R—Q 4+	2. P×R.
3. Kt—Q R 3+	3. R×Kt mate.
(E).	1. B×R.
2. Q--Q B 8+	2. B covers.
3. Kt—Kt 6+	3. P×Kt mate.

No. 46.

1. B--K B 6.	1. P moves.
2. Kt—Q B 6.	2. ,,
3. Q—Q 6.	3. ,,
4. Kt—Q Kt 8.	4. ,,
5. B—K Kt 7.	5. ,,
6. R—Q B 7.	6. P×R.
7. Q—Q 8+	7. Kt×Q.
8. B—K B 7+	8. Kt×B.
9. Kt—Q 6+	9. Kt×Kt mate.

No. 47.

WHITE.	BLACK.
1. Kt—Q B 7.	1. Any.
2. P—Kt 8 (a B).	2. ,,
3. Kt (B6) Q 5+	3. B×Kt.
4. Kt—Q R 8+	4. B×Kt.
5. Q—Q 8+	5. K—B 3.
6. P—K Kt 4.	6. B mates.

No. 48.

1. Q—B sq.+	1. K moves.
2. R—R 8+	2. R×R.
3. R—R 5+	3. R×R.
4. Kt—R sq. dis+	4. R—K 4.
5. B—Kt sq.	5. P moves.
6. K—Q 4.	6. ,,
7. P—B 4.	7. ,,
8. B—Q 3.	8. P—Kt 8 dis mate.

No. 49.

1. B—K B 7+	1. R covers.
2. R—Q 4+	2. K—Kt 4.
3. B—K 8+	3. R covers.
4. R—K 4.	4. Kt moves.
5. R—Kt 5+	5. Kt—Q 4+
6. K—Q 3.	6. P moves.
7. K—Q 4.	7. K—R 5.
8. Kt—B 3+	8. Kt×Kt dis+
9. K—B 5 dis+	9. Kt×R mate.

No. 50.

1. K—B 2.	1. P queens,+
2. R×Q.	2. P—Kt 4.
3. Q—Kt 8+	3. B covers.
4. R—Kt 4+	4. P covers.
5. Kt—Q B 5.	5. K moves.
6. Kt—K 6+	6. ,,
7. P—Q 4.	7. P—K 6 dis+
8. K—Kt 3.	8. P—K 7 dis mate.

No. 51.

1. Kt—Kt 6.	1. Q×Q (A).
2. K—B 3 dis+	2. K—Q 4.
3. P—B 4+	3. Q×P.
4. P—K 4+	4. Q×P mate.
(A).	1. R×Kt (B).
2. K—Q 3 dis+	2. R×B.
3. Q—K 5 +	3. Q covers+
4. Q—Q 4+	4. Q×Q mate.
(B).	1. Kt×P (C).
2. K—Q 3 dis+	2. Kt Q 5*
3. Q—Q 6+	3. Q×Q.
4. B×Kt+	4. Q×B mate.
*	2. Kt—K 6.
3. Q—K 5+	3. Q covers+
4. Q—Q 4+	4. Q×Q mate.
(C).	1. Other.
2. Q—K 5+	2. Q covers.
3. R (B6)—Q B 6+	3. B×R.
4. Q—Q 4+	4. Q×Q mate.

No. 52.

1. B—Q Kt sq.	1. Kt—B 7.
2. Q—B 6+	2. K moves.
3. K—Q sq.	3. P moves.
4. Q—K 6+	4. K moves.
5. Q—K 3+	5. Kt×Q dis mate.

No. 53.

WHITE.	BLACK.
1. R (R5)—R sq.	1. Q—R sq., &c. (A).
2. Q—Kt 2+	2. Q×Q mate.
	(A). 1. Q—R 3 (B).
2. R×Q.	2. B mates.
	(B). 1. Q—B 4 (C).
2. Q—B 2+	2. Q×Q mate.
	(C). 1. Q×Kt (D).
2. Q—K 3+	2. Q×Q mate.
	(D). 1. Q×Q B P (E).
2. Q—B 2+	2. Q×Q mate.
	(E). 1. Q—Q 3.
2. P×Q.	2. B mates.

No. 54.

1. R—K 5.	1. B×R (A).
2. Kt—Q 3.	2. B—Kt sq.
3. Kt (Q7)—K 5+	3. B×Kt.
4. Kt×P+	4. B×Kt+
5. K×B.	5. P—K 4.
6. K—B sq.	6. B—Kt 7 mate.
	(A). 1. B—Kt 2.
2. R—Q B 5+	2. K—Q 5.
3. R—Kt 5 dis+	3. K—B 5.
4. R×B.	4. P—K 4.
5. K×P.	5. P×Kt.
6. K—B sq.	6. P mates.

No. 55.

1. B—Kt sq.	1. Q×P (A).
2. Q—K 5+	2. P×Q.
3. R×P dis+	3. Q×B mate.
	(A). 1. Q or B—R 2 (B).
2. Q—K 3+	2. K×Q.
3. Kt—B 2+	3. P×Kt mate.
	(B). 1. Q—R 3.
2. Q×P+	2. K×Q.
3. R×P+	3. Q×R mate.

No. 56.

1. B—Q 6.	1. R moves.
2. Q×P+	2. R×Q.
3. B×P.	3. P—R 7.
4. K—Q 8.	4. K—B 2 dis mate.

No. 57.

1. R—Kt 7+	1. K—K sq.
2. R—Kt 8+	2. K—B 2.
3. K—Q 6 dis+	3. Kt covers.
4. Kt—B 4 dis+	4. R×Q.
5. Kt—Kt 2.	5. P moves.
6. Kt—K 3.	6. ,,
7. K—Q 5.	7. R mates.

No. 58.

1. B—Kt 5 dis+	1. K—K 8.
2. B—R 4+	2. K—B 8.
3. R—Q sq.+	3. R×R.
4. Q—B 4+	4. R covers.
5. R—Kt 4.	5. B—Kt 8.
6. Q—K B 4+	6. R covers dis mate

No. 59.

WHITE.	BLACK.
1. Kt×P.	1. P moves.
2. K—Kt sq.	2. ,,
3. Kt—B sq.	3. ,,
4. Q—K B 3+	4. Kt covers.
5. Kt—R sq.	5. K—B 4.
6. Q—Q B 3+	6. Kt×Q mate.

No. 60.

1. Kt—Q B 8.	1. K—Q 4.
2. Kt—K 7+	2. K—K 5.
3. Q—Q B 2+	3. K—B 6.
4. R—Q R 3.	4. P moves.
5. K—Q 3.	5. ,,
6. R—Q B 3.	6. ,,
7. B—K R 2.	7. ,,
8. R—Q 2.	8. P mates.

No. 61.

1. B—K 4 dis+	1. K—Kt 4.
2. Q—B 6+	2. K—R 4.
3. B—Q Kt 2 dis+	3. Kt covers.
4. B×Kt.	4. B×B.
5. B—R 3 dis+	5. B—K 4.
6. B—K 6.	6. P×B.
7. Kt—K 4.	7. P×R.
8. Kt—Kt 3+	8. B×Kt mate.

No. 62.

1. R—K B sq.	1. Kt—Kt 4 or B sq. (A).
2. B—Q 6+	2. Kt×B.
3. Kt (Q2)—B 4+	3. Kt×Kt.
4. R—B 3+	4. Kt—K 6.
5. Kt—B 6.	5. P—K 4.
6. R—Kt sq.	6. P—K 5.
7. Kt—Q 4.	7. P×R.
8. Kt—B 2+	8. Kt×Kt mate.
	(A). 1. Kt—B 3.
2. B—Q 6+	2. Kt—Kt 5.
3. P—R 4.	3. P×P.
4. R—B 2.	4. P—R 6.
5. B×Kt+	5. P×B.
6. Kt—Kt sq.+	6. K—Kt 6.
7. R—R 6.	7. P—R 6.
8. R—Q Kt 2+	8. P×R mate.

No. 63.

1. Kt - K 7 dis+	1. K—R 5.
2. Kt—B 3+	2. B×Kt.
3. Q—B 6+	3. K—R 4.
4. B—Kt 6+	4. K×P.
5. B—Q 8 dis+	5. K—R 2.
6. Kt—B 8+	6. K—Kt sq.
7. B—Q B 7+	7. K×Kt.
8. B—Q 5 dis+	8. B×R.
9. B—K 5 dis+	9. K—Q sq.
10. B—K Kt 8 dis+	10. K—K 2.
11. Q—K 6+	11. K—B sq.
12. B—Q 6+	12. K—Kt 2.
13. R—K Kt 2+	13. Kt—Kt 4.
14. K—K 5.	14. P—R 3.
15. R—Q 5.	15. K—Kt 3 dis mate

No. 64.

WHITE.	BLACK.
1. Q—Q sq.	1. K×Kt (A).
2. Q—K sq.+	2. K—B 5.
3. Q×B+	3. P covers.
4. Kt—Kt 5.	4. P×Kt mate
(A).	1. B—Q 7 (B).
2. P—Kt 3+	2. K×Kt.
3. Q—Kt sq +	3. K—B 6.
4. Kt—Kt 5+	4. B or P×Kt mate.
(B).	1. B×Kt (C).
2. Q—B 3+	2. P×Q.
3. P—Kt 3+	3. K—K 5.
4. Kt—Kt 5+	4. B or P×Kt mate.
(C).	1. B×P.
2. B×B.	2. K×Kt.
3. Q—Q 4+	3. K—B 5.
4. Kt—Kt 5.	4. P×Kt mate.

No. 65.

1. B—K 7.	1. K—K 4.
2. Q—Q B 3+	2. K—B 5.
3. R—K Kt 6.	3. P—Q 3.
4. R—K Kt sq.	4. P×Kt.
5. Q—K Kt 7.	5. P×R.
6. B×P.	6. P—B 6.
7. R—Q B sq.	7. P—B 7.
8. B—K sq.	8. P—Kt 5 dis mate.

No. 66.

1. B—R 2+	1. Kt covers.
2. Q—R 5+	2. B covers.
3. Q—Q 2+	3. ,,
4. Q×P+	4. ,,
5. Q—Q 8+	5. Q B covers.
6. Kt—K Kt 4.	6. P moves.
7. Kt—K B 2.	7. P×B.
8. Q—R 5+	8. K—Q 5.
9. Q—Q 2+	9. Kt×Q mate.

No. 67.

1. R—Q 6.	1. K×R (A).
2. Kt—K 4+	2. Kt×Kt mate.
(A).	1. K—Q 5 (B).
2. Kt—K B 3+	2. Kt×Kt mate.
(B).	1. K—B 3 or 4. or R×R.
2. Q×K P+	2. Kt×Q dis mate.

No. 68.

1. B—Q B 4 dis+	1. Kt—K 3 (A).
2. B—Q 4.	2. P×B.
3. K—Q 5.	3. P—Q 6.
4. P—K Kt 4.	4. P—Q 7.
5. Q—Q 3.	5. P—Q 8 (Q or R).
6. Q—Q 4+	6. Q or R×Q mate.
if	5. P becomes a B.
6. Q—K B 5+	6. B×Q mate.
if	5. P becomes a Kt.
6. Q—Q B 3+	6. Kt×Q mate.
(A).	1. P—K 3.
2. R—K Kt. 3.	2. Kt moves.
3. R—B 3+	3. Kt covers.
4. R×B P.	4. K—Kt 4.
5. R—Kt 7+	5. K—B 3.
6. B—Q 5.	6. P×B mate.

No. 69.

WHITE.	BLACK.
1. B—Q R 8.	1. R×B (A). or Q×Kt.
2. Q—R 7+	2. B×Q dis mate.
(A).	1. P—Q 3 (B).
2. Q—K 6+	2. B×Q dis mate.
(B).	1. Q×R (C). or Q—K Kt 7.
2. Kt K B 7+	2. B×Kt dis mate.
(C).	1. Q—Q Kt 7+
2. Q—K B 6+	2. Q×Q mate.

No. 70.

1. K—R 3.	1. P×P.
2. Q—B 6.	2. P—R 4.
3. R—Kt 2.	3. P—R 5.
4. Kt—R 8.	4. K×P.
5. R—K 6 dis+	5. R—Kt 2.
6. P—B 4.	6. P×P.
7. Q×R P.	7. K—B 4.
8. Q—R 7+	8. R×Q mate.

No. 71.

1. P—Kt 4.	1. Kt moves.
2. B—R sq. dis+	2. Kt covers.
3. Kt—Kt sq.	3. K—B 5.
4. R—Q Kt 2 dis+	4. Kt covers.
5. Q—Q 6.	5. K—Kt 4.
6. Q—K 6.	6. K—R 5.
7. Kt—B 3+	7. Kt×Kt mate.

No. 72.

1. B—R 2.	1. K moves.
2. Kt—K 4+	2. ,,
3. B—K 5.	3. K×Kt.
4. B×Kt dis+	4. K—Q 4.
5. B—R 5.	5. K×R.
6. B—B 6.	6. P×B mate.

No. 73.

1. B—Q 5 dis+	1. Q B covers (A).
2. R (B5)—B 6.	2. B—K 4 best.
3. P—K R 6.	3. B moves.
4. R or P×B.	4. Kt—B 7 mate.
(A).	1. K B covers.
2. R×B+	2. Kt covers+
3. R×Kt+	3. P×R.
4. R×P+	4. K×P dis mate.

No. 74.

1. B—Q B 4 dis+	1. K—K 8.
2. B—K R 6 dis+	2. K—Q 8.
3. R—B sq.+	3. K—B 7.
4. P×Kt dis+	4. K—B 6.
5. R—B 3+	5. Kt covers.
6. K—Kt 3.	6. R×Kt.
7. Q—R 8+	7. R×Q.
8. B—Kt 8.	8. R×B+
9. B—Kt 7+	9. R×B mate.

No. 75.

WHITE.	BLACK.
1. K—Q 4 dis+	1. K—B 3 (A).
2. K—K 4 dis+	2. R covers (B).
3. K—B 4.	3. R or Kt moves.
4. Q—Kt 5+	4 P×Q mate.
	if 3. P moves.
	or Q×R+
4. Q—K 5+	4. Q×Q mate.
	if 3. Q×P+, &c.
4. Q—Q 4+	4. Q×Q mate.
	(B). 2. Q covers.
3. P—Kt 5+	3. P×P.
4. R—K B 2+	4. Kt×R mate.
	(A). 1. K—B 5.
2. R—B 2+	2. Kt×R.
3. Q—K 5+	3. K—B 6.
4. Kt—Q 2+	4. Q×Kt mate.

No. 76.

1. R—Q 2+	1. P×R.
2. Q—B 5+	2. K×Kt.
3. B—Kt 8+	3. R covers.
4. K—Q sq.	4. P moves.
5. Q—B 3+	
or Q—K 3+	
according to Black's moves.	5. Kt×Q mate.

No. 77.

1. B—Kt 6+	1. R covers.
2. Q—Q 6+	2. Kt covers.
3. P—R 5.	3. P+
4. K—Kt 4.	4. P moves.
5. K—B 5.	5. P×P.
6. Q×P.	6. B×Q mate.

No. 78.

1. Q—K 6.	1. Q—K 7 or R 6 (A).
2. Q—K 3+	2. Q×Q.
3. R×B+	3. K×R dis mate.
	(A). 1. Q—R 8 or B 6 (B).
2. R×B+	2. Q×R.
3. Kt—Kt 7+	3. Q×Kt mate.
	(B). 1. Q×P.
2. R×Kt+	2. Q×R+
3. Kt covers+	3. Q×Kt mate.

No. 79.

1. Q—Kt 4.	1. K moves.
2. R—Q B 5.	2. ,,
3. R—Q 5+	3. ,,
4. Kt—Q B 2.	4. P×Kt.
5. Q—K 2+	5. B covers.
6. P—Q 3+	6. K—B 5.
7. R—Q 4+	7. B×R mate.

No. 80.

WHITE.	BLACK.
1. P—K 7.	1. Q—K B 6 or K 6 (A).
2. Kt—Q 3+	2. Q×Kt.
3. B—K 3+	3. Q covers best.
4. B—K 2.	4. Q×B.
5. K—K 6 dis+	5. Q×R.
6. Q—Q 5+	6. Q×Q mate.
	(A). 1. Q—R 7.
2. Q—Q B 6+	2. K—Q 5.
3. R—Kt 4+	3. Q covers.
4. B—Q 2.	4. Q×R,
5. Kt—B 3+	5. K—Q 6.
6. Q—K 4+	6. Q×Q mate.

No. 81.

1. Kt (Kt 8)—Q 7.	1. B×Kt (A).
2. B—Q B 5+	2. K×B.
3. Q—Q Kt 6+	3. P×Q mate.
	(A). 1. P×B (B).
2. Q—K 3+	2. B×Q.
3. R—Q 2+	3. B×R mate.
	(B). 1. P—Kt 5 (C).
2. Kt—K B 3+	2. K—B 5.
3. Kt—Kt 6+	3. B or P×Kt mate.
	(C). 1. P Queens.
2. Kt×B+	2. K—B 5.
3. Kt K B 6+	3. B×Kt mate.

No. 82.

1. P—B 7+	1. K×Kt (A).
2. P—B 8 (a Kt)+	2. K—Kt sq.
3. Q—R 2+	3. Kt—Q 4.
4. K—B 3.	4. Kt dis mate.
	(A). 1. K×P.
2. Kt—Kt 5+	2. K—Kt 3.
3. Kt×Kt+	3. K×Kt.
4. K—Kt 3.	4. Kt dis mate.
	if 2. K—Kt sq.
3. Q—R 2+	3. Kt—Q 4.
4. K—B 3.	4. Kt dis mate.
	if 2. K—K sq.
3. B—R 5+	3 Kt—Kt 3.
4. K—Kt 3.	4. Kt dis mate.

No. 83.

1. Kt—Q B 4 dis+	1. B covers.
2. Q—R 6.	2. Kt moves.
3. Kt—K 5+	3. Kt×Kt.
4. Q×R+	4. Kt×Q+
5. K—R sq.	5. P mates.

No. 84.

1. B—R 3 dis+	1. Kt covers.
2. B—Kt 2+	2. Kt covers.
3. Q—K R 3.	3. P moves.
4. K—K 3.	4. ,,
5. Q—Kt 4.	5. ,,
6. K—K 4.	6. ,,
7. P—K 3.	7. P—R 8 (a Kt).
8. Q—Q sq.	8. Kt mates.
	if 7. P makes a Q, R, or B.
8. Q+accordingly.	8. ×Q mate.

No. 85.

WHITE.	BLACK.
1. R—R 4.	1. P moves.
2. Q—Q sq.	2. ,,
3. Kt—K 7.	3. ,,
4. B—Q 3.	4. K×B.
5. Kt—Q 5.	5. R×Q mate.

No. 86.

1. K—B 4.	1. Q—B 5 or Kt 4 (A)
2. Q—Kt 2+	2. K—Q 8.
3. Q—B 3+	3. Q covers.
4. Kt—K 3+	4. P×Kt.
5. K—B 5.	5. Q×Q mate.
(A).	1. Q×B.
2. Kt—Kt 3+	2. K—B 7.
3. Kt—Q 3+	3. Q×Kt.
4. Kt—K 4+	4. K—K 7.
5. Q—K B 3+	5. Q×Q mate.

No. 87.

1. B—B 8 dis+	Black's moves are all forced.
2. P—Q 4+	
3. P—B 5+	
4. Q—K 7+	
5. R—R 8+	
6. P—K 3.	
7. P×Kt P.	
8. P×B P.	
9. P×Q P.	
10. P×K P.	
11. B×B P.	
12. Q—Kt 7+	12. B×Q mate.

No. 88.

1. P×P+	Black's moves are all forced.
2. R—B 5 double+	
3. Kt—B sq. dis+	
4. B×R+	
5. R—B 2 dis+	
6. P×B+	
7. Kt (R sq.)—Kt 3+	
8. Kt—R 2+	
9. B—R 4+	
10. Q—B 7+	
11. B×B P.	
12. R—K sq.	
13. K—Kt sq.	
14. R×K Kt P.	
15. B—Q sq.	15. K—R 8 or Kt 8.
16. B—Kt 3 dis+	16. R×R mate.

Solution of Vignette.

WHITE.	BLACK.
1. Q—K Kt 3.	1. R—Q 4.
2. Kt—K 5+	2. R×Kt.
3. R—K B 5+	3. R×R mate.
	if 1. R—K 2.
2. Kt×R.	2. Kt moves.
3. Q—B 4+	3. Kt×Q mate.
	if 1. R—Q 5 or 6 or ×P.
2. Q+accordingly.	2. R×Q.
3. R+	3. R×R mate
	if 1. R other.
2. Q or R or P×R	2. Kt×Kt.
3. Q—B 4+	3. Kt×Q mate.

Solutions of Problems on the Frontispiece.

SIRIUS.

1. Q—Q 5+	1. K—R 2.
2. P×P+	2. K×P.
3. Q—Q 4 +	3. K—B 2.
4. Q—B 5+	4. K—Q sq.
5. Q—B 8+	5. K—K 2.
6. Kt—K B 5+	6. K—B 3.
7. Kt—Q 3 dis+	7. B covers.
8. P×B+	8. K—Kt 4.
9. K—R 3 dis+	9. Kt covers.
10. B×P+	10. R×B.
11. Q—Q B sq.	11. P moves.
12. R×P.	12. ,,
13. R—Kt 6+	13. K—R 4.
14. Kt—B 4+	14. Kt×Kt mate.

ARCTURUS.

1. B—Kt 6+	Black's moves are all forced.
2. Kt—R 6+	
3. B×Kt dis+	
4. B—Kt 6+	
5. B×P dis+	
6. R—Kt 7+	
7. R—B 8+	
8. R×Kt double+	
9. B—Kt 6+	
10. Q—R 8+	
11. B—R 5 dis+	
12. B—Kt 4 dis+	
13. B—R 3 dis+	
14. B—Kt 2 dis+	
15. B—Q 5 dis+	
16. Q—Q Kt 2.	
17. Q×P+	
18. K—R sq.	
19. R—Q 8.	
20. B—Q R 2 dis+	
21. Kt—Kt 5.	
22. R—Kt 3.	
23. R—B 3+	
24. Q—Kt 2+	24. P×Q mate.

POSTSCRIPT.

The four very beautiful Problems overleaf are of recent origin. Nos. 89 and 92 have been composed expressly for this book; Nos. 90 and 91 are by a composer who is taking rank amongst the first of English Authors.

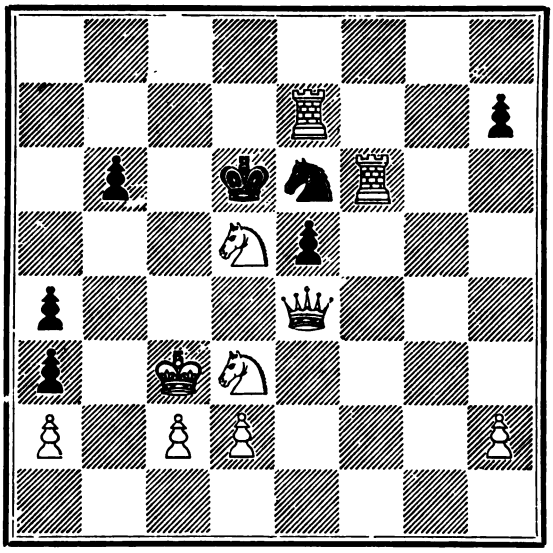
J. A. MILES.

NORWICH, *10th April, 1888.*

No. 89.

BY E. N. FRANKENSTEIN.

BLACK.



WHITE.

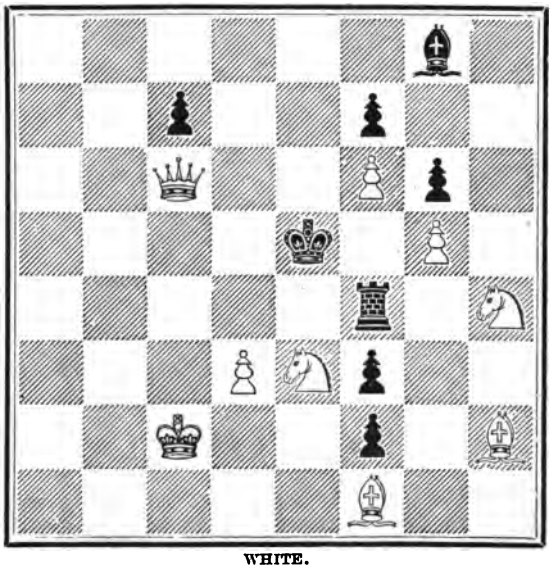
White compels Black to mate in four moves.

No. 90.

BY CECIL A. L. BULL.

Dedicated to J. A. Miles.

BLACK.



WHITE.

White compels Black to mate in eight moves.

No. 91.

BY CECIL A. L. BULL.

BLACK.

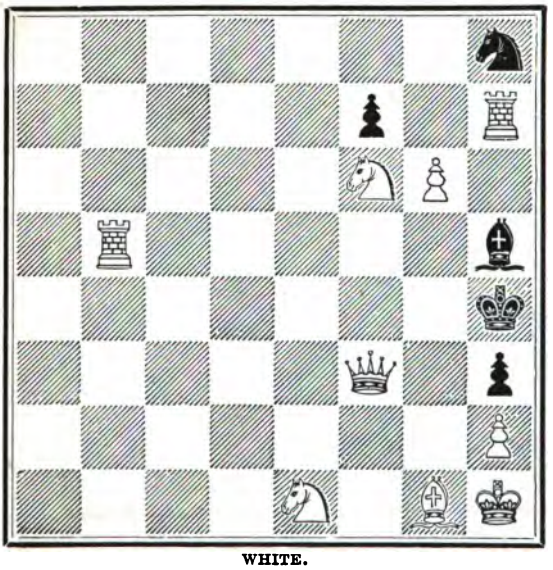
WHITE.

White compels Black to mate in seven moves.

No. 92.

BY B. G. LAWS.

BLACK.



WHITE.

White compels Black to mate in three moves

SOLUTIONS OF Nos. 89 TO 92.

No. 89.

WHITE.	BLACK.
1. R—Q R 7.	1. K—B 3 (A).
2. R—K R 6.	2. K—Kt 4.
3. Kt.—B 7+	3. Kt×Kt.
4. Q—Q 5+	4. Kt×Q mate.
	if 2. P—Kt 4.
3. Kt—Kt4 double+	3. K moves.
4. Q—Q 4+	4. P×Q mate.
	(A). 1. P—R 3 or 4.
2. Kt—Kt 4.	2. R P moves.
3. P stops it.	3. P—Kt 4.
4. Q—Q 4+	4. P×Q mate.

No. 90.

1. K—Q 2.	1. Any.
2. Kt—B 2.	2. ,,
3. K—K 3.	3. B—R 2.
4. Kt—Q 4.	4. B—Kt sq.
5. Kt×P+	5. P×Kt.
6. Q—B 5+	6. B covers.
7. K×P.	7. P—Q B 3.
8. K—Kt sq.	8. P mates.

No. 91.

WHITE.	BLACK.
1. B—Kt 8.	1. B×B.
2. R×P+	2. B covers.
3. B—Q B 7.	3. P—Kt 4.
4. R×P.	4. P—Kt 3.
5. Q—K sq.	5. R moves.
6. Kt×R P +	6. R×Kt.
7. Q—Q Kt 4 +	7. P×Q mate.

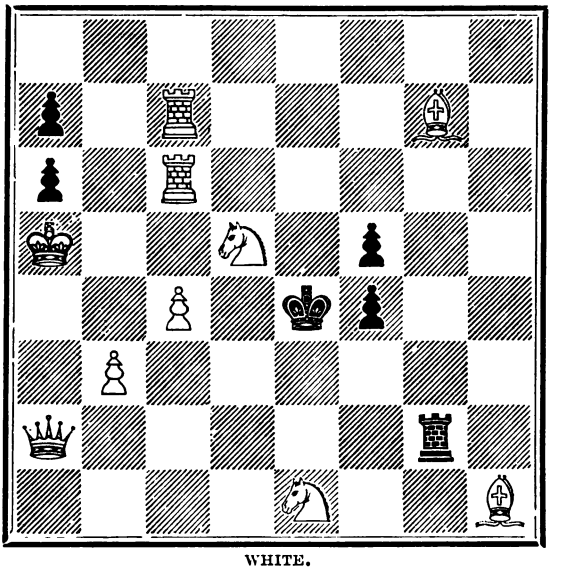
No. 92.

1. Q—Q R 8.	1. P×P
2. R—Q Kt 7.	2. B—B 6+
3. Kt—Kt 2+	3. B or P×Kt mate.
	if 2. Any other.
3. Kt—B 3 +	3. B×Kt mate.
	(A). 1. Kt×P.
2. Q—Q R 4+	2. Kt covers.
3. Kt—Kt 2+	3. P×Kt mate.

No. 93.

BY THEODORE M. BROWN.

BLACK.



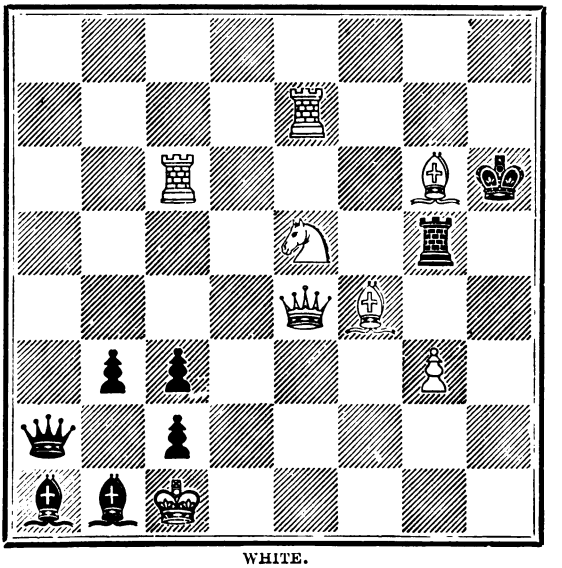
WHITE.

White compels Black to mate in three moves.

No. 94.

BY C. H. WHEELER.

BLACK.



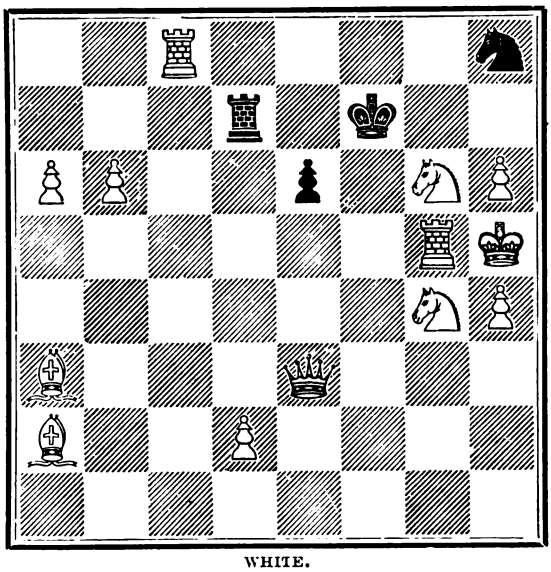
WHITE.

White compels Black to mate in three moves.

No. 95.

BY J. KEEBLE.

BLACK.



WHITE.

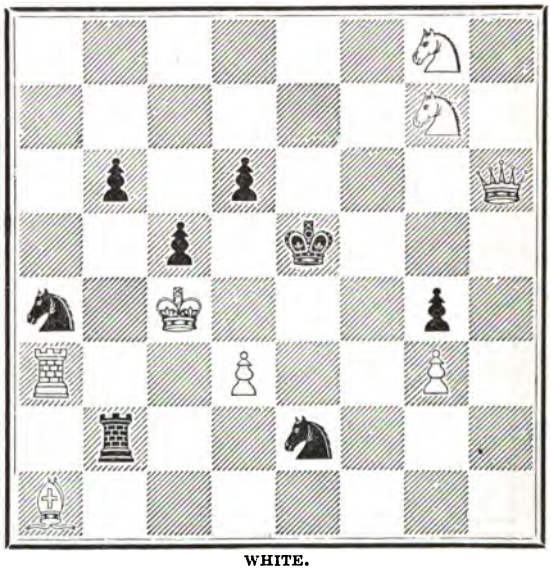
White compels Black to mate in three moves.

No. 96.

BY J. KEEBLE.

BLACK.

✷



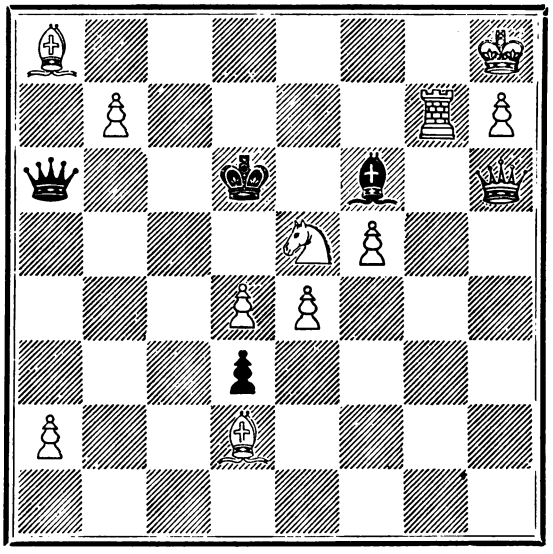
WHITE.

White compels Black to mate in three moves.

No. 97.

BY CECIL A. L. BULL.

BLACK.



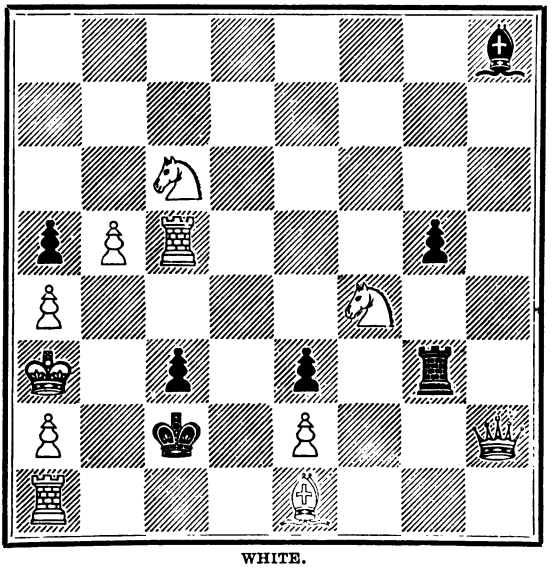
WHITE.

White compels Black to mate in three moves.

No. 98.

BY CECIL A. L. BULL.

BLACK.



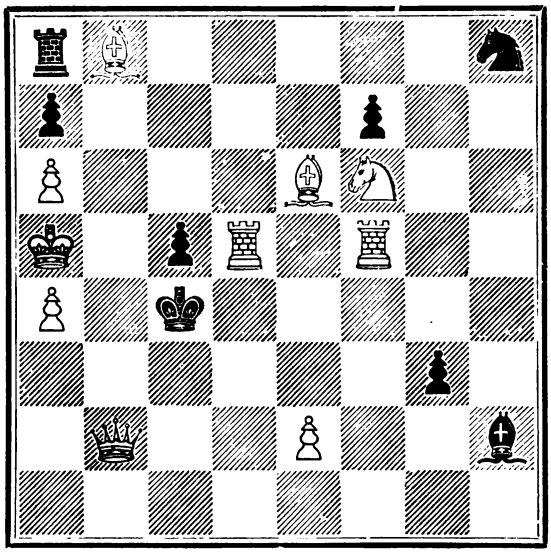
WHITE.

White compels Black to mate in four moves.

No. 99.

BY B. G. LAWS.

BLACK.



WHITE.

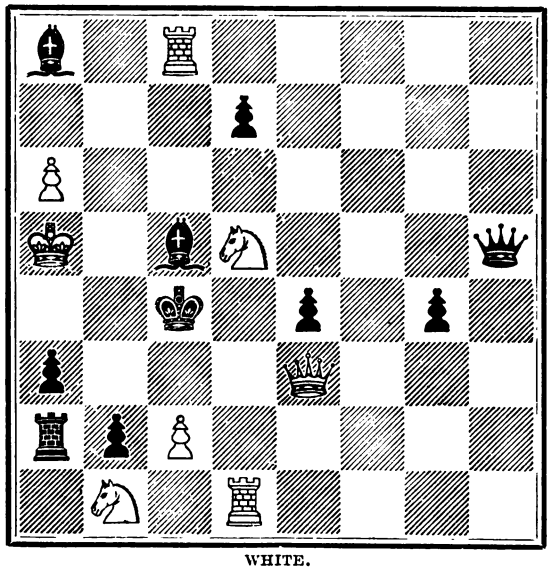
White compels Black to mate in four moves.

No. 100.

BY B. G. LAWS.

BLACK.

✷



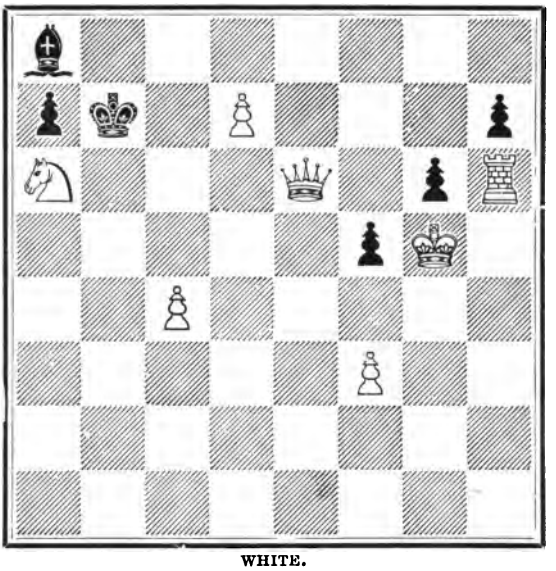
WHITE.

White compels Black to mate in three moves.

No. 101.

BY DOCTOR S. GOLD.

BLACK.



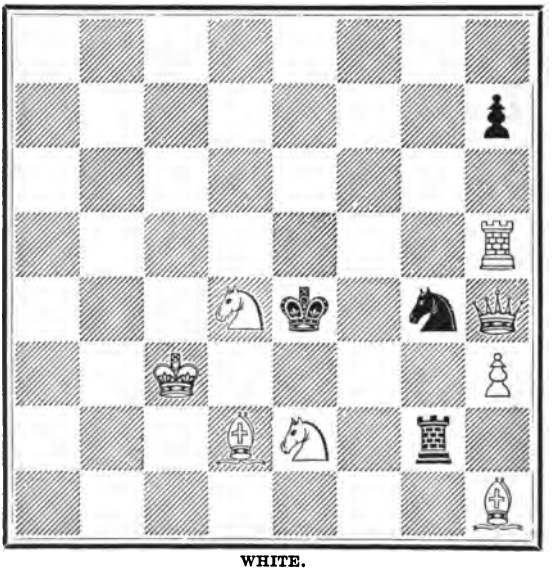
WHITE.

White compels Black to mate in six moves.

No. 102.

BY G. J. SLATER.

BLACK.



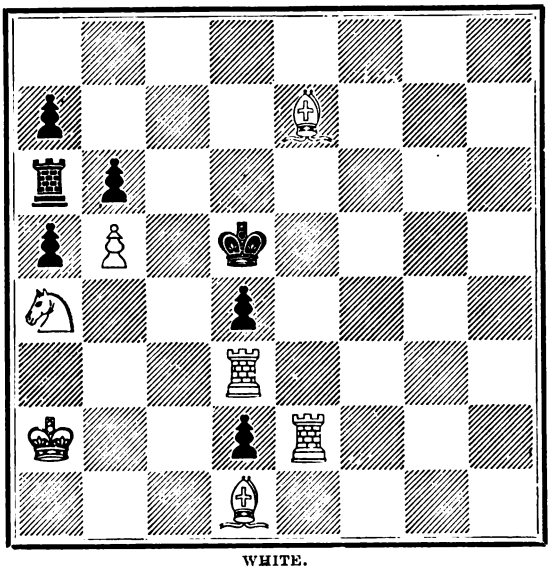
WHITE.

White compels Black to mate in seven moves.

No. 103.

BY JAMES WHITE.

BLACK.



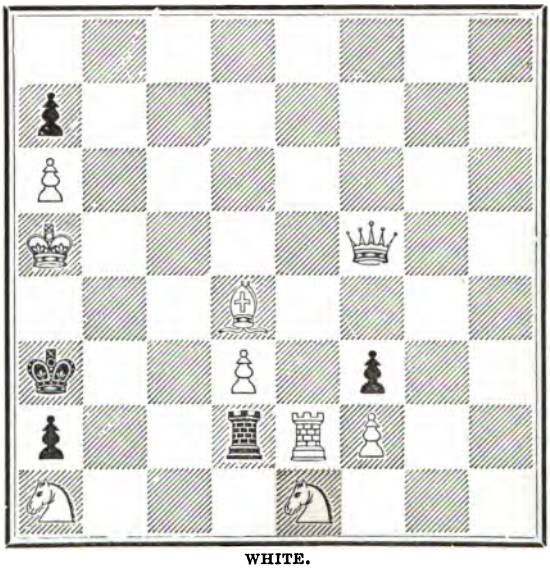
WHITE.

White compels Black to mate in four moves.

No. 104.

BY C. PLANCK, M.A.

BLACK.



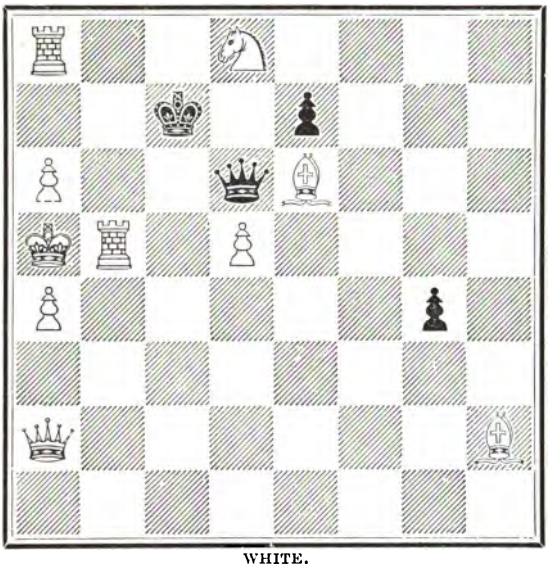
WHITE.

White compels Black to mate in three moves.

No. 105.

BY J. A. MILES.

BLACK.



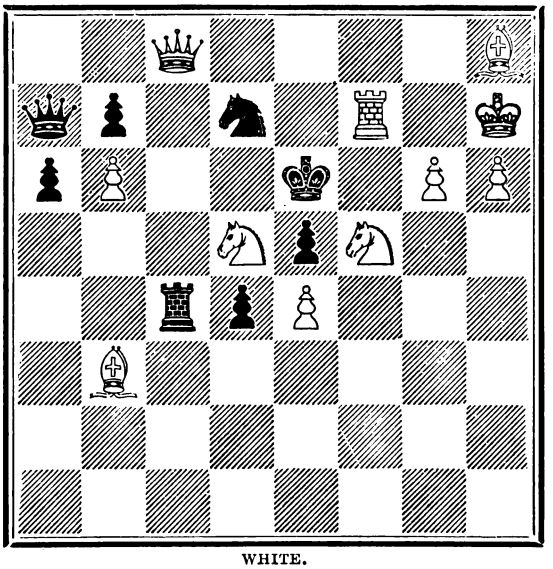
WHITE.

White compels Black to mate in four moves.

No. 106.

BY CECIL A. L. BULL AND J. A. MILES.

BLACK.



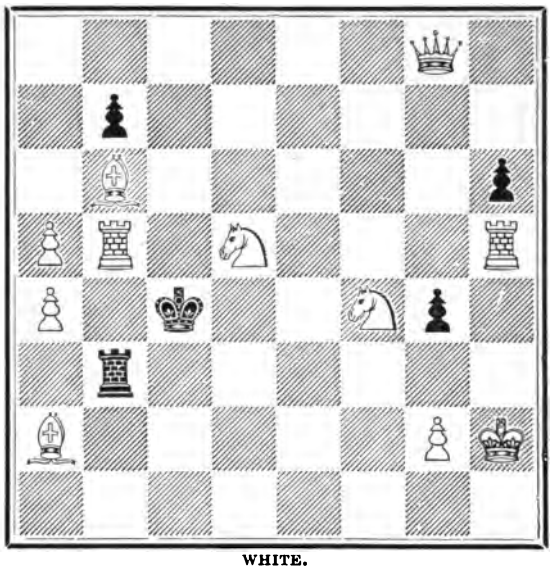
WHITE.

White compels Black to mate in four moves.

No. 107.

BY J. A. MILES.

BLACK.



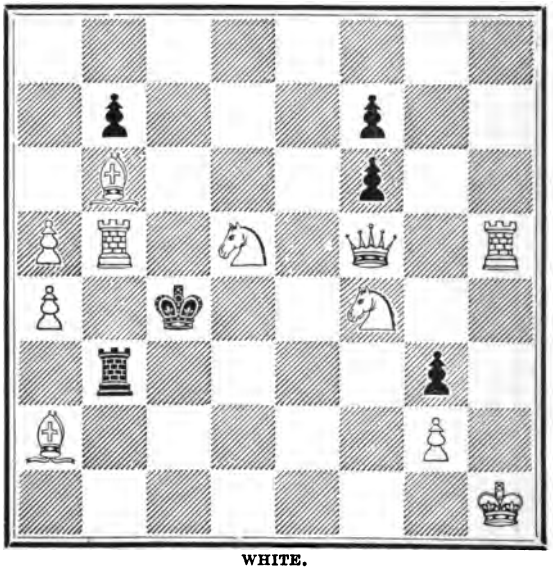
WHITE.

White compels Black to mate in seven moves.

No. 108.

BY J. A. MILES AND E. N. FRANKENSTEIN.

BLACK.



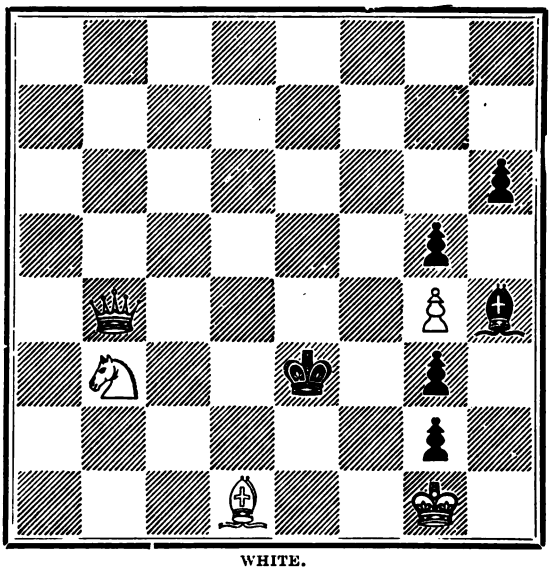
WHITE.

White compels Black to mate in seven moves.

No. 109.

BY W. A. SHINKMAN.

BLACK.



WHITE.

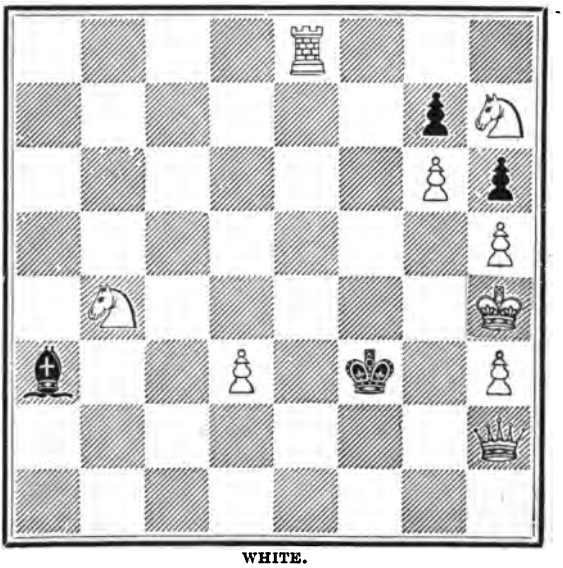
White compels Black to mate in eight moves.

No. 110.

BY JAMES RAYNER.

BLACK.

✷



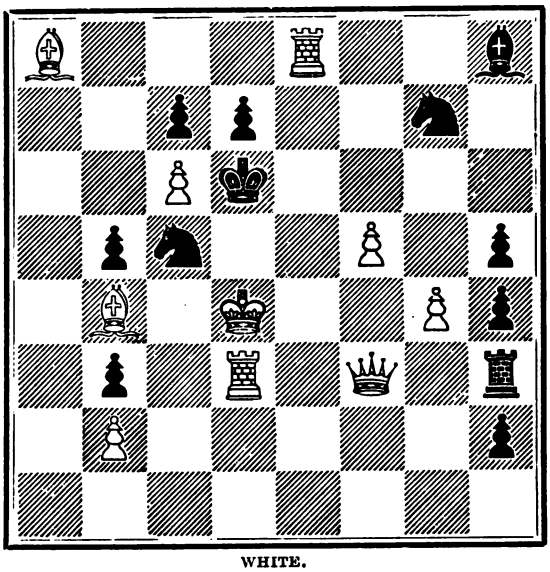
WHITE.

White compels Black to mate in three moves.

No. 111.

BY A. F. MACKENZIE.

BLACK.



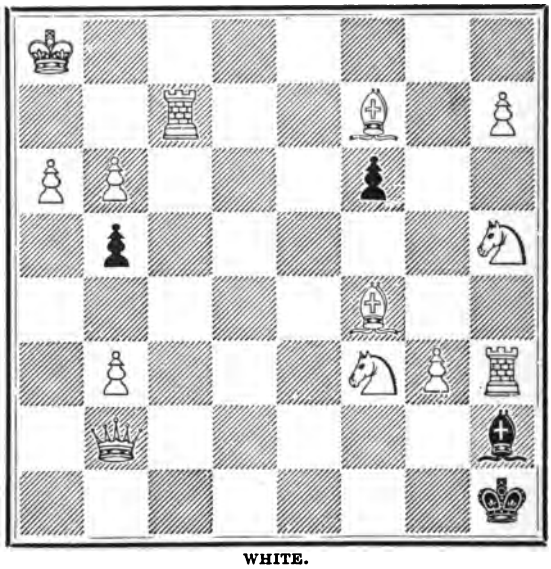
WHITE.

White compels Black to mate in two moves.

No. 112.

BY I. M. BROWN OF LEEDS.

BLACK.



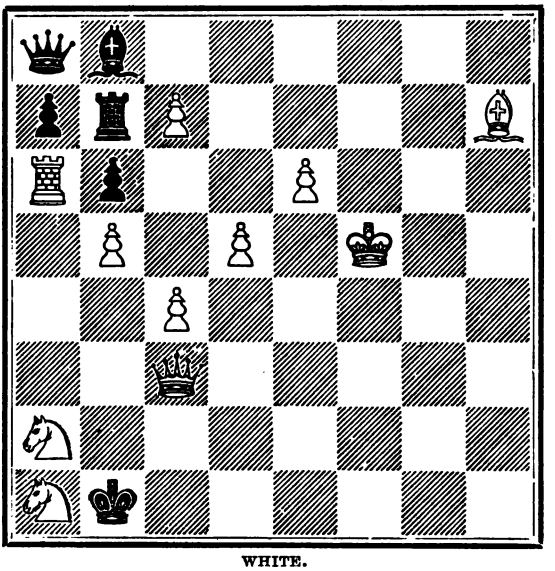
WHITE.

White compels Black to mate in eleven moves.

No. 113.

BY W. A. SHINKMAN.

BLACK.



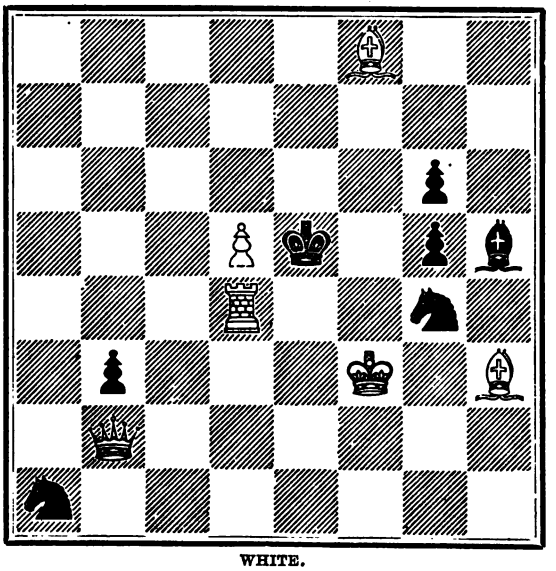
WHITE.

White compels Black to mate in three moves.

No. 114.

BY W. A. SHINKMAN.

BLACK.



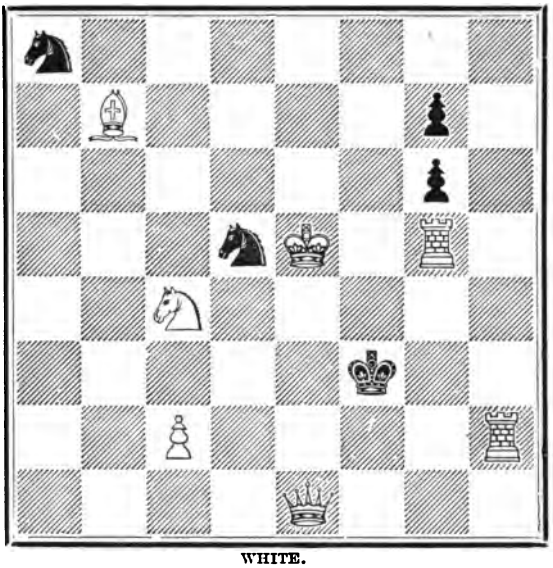
WHITE.

White compels Black to mate in four moves.

No. 115.

BY J. DOBRUSKY.

BLACK.



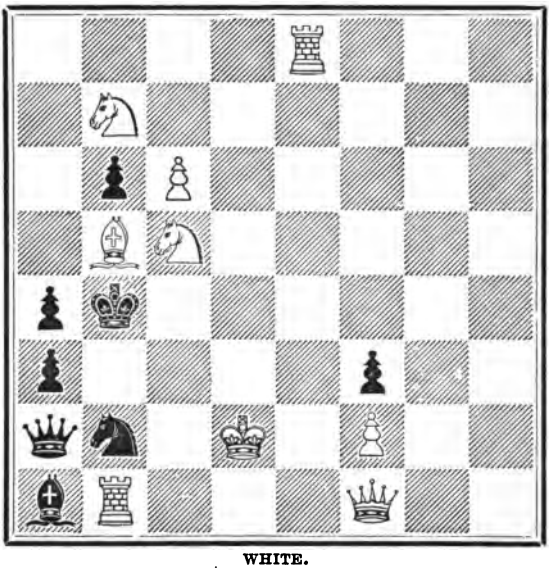
WHITE.

White compels Black to mate in four moves.

No. 116.

BY A. F. MACKENZIE.

BLACK.



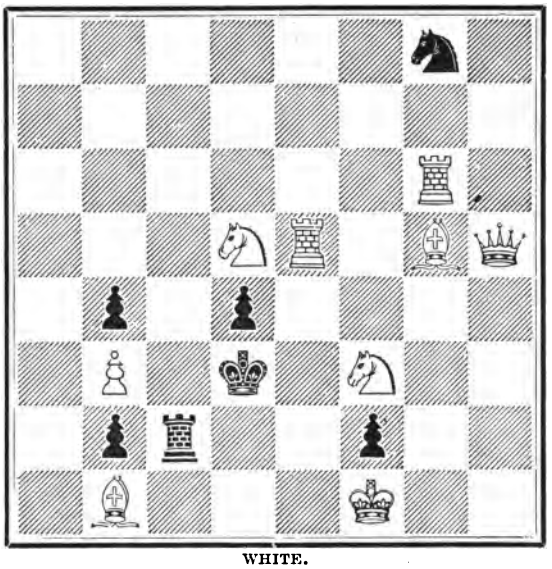
WHITE.

White compels Black to mate in five moves.

No. 117.

BY K. MAKOVSKY.

BLACK.



WHITE.

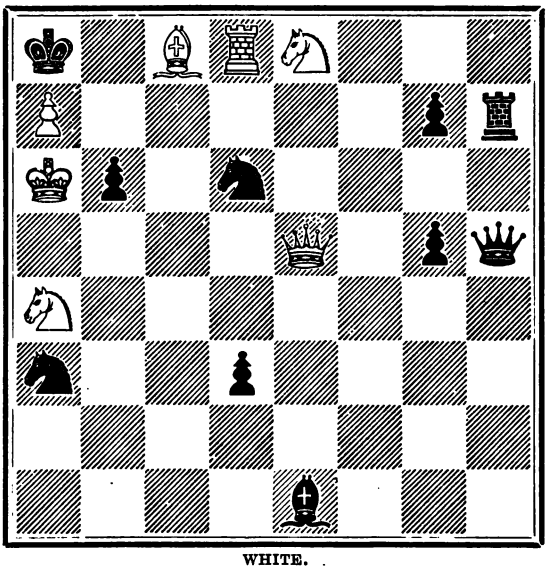
White compels Black to mate in four moves.

No. 118.

BY H. F. L. MEYER.

BLACK.

✷



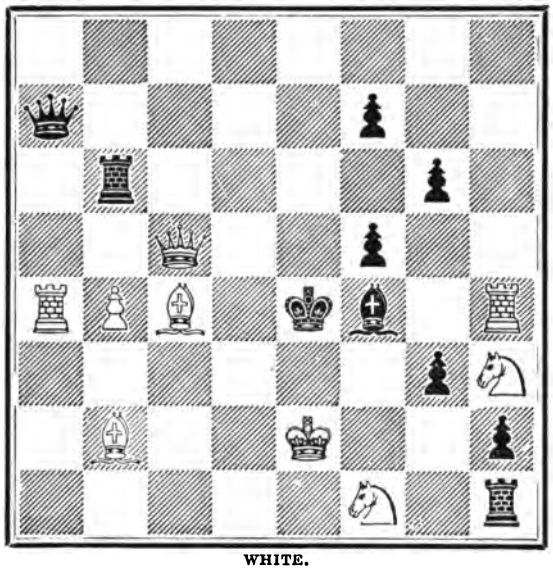
WHITE.

White compels Black to mate in five moves.

No. 119.

BY G. J. SLATER.

BLACK.



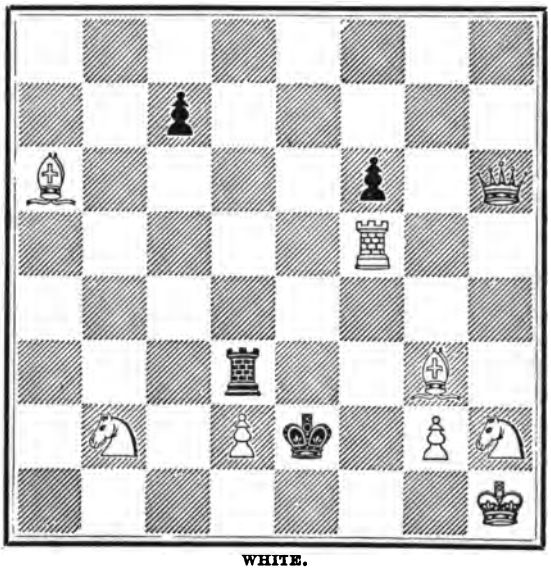
WHITE.

White compels Black to mate in four moves.

No. 120.

BY CECIL A. L. BULL.

BLACK.



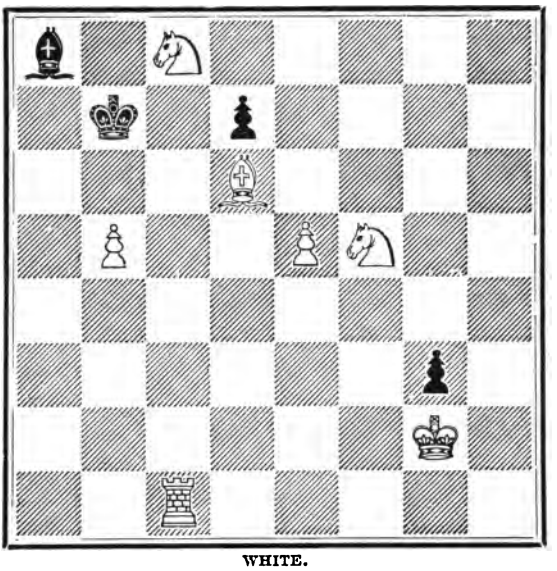
WHITE.

White compels Black to mate in eight moves.

No. 121.

BY J. KEEBLE.

BLACK.



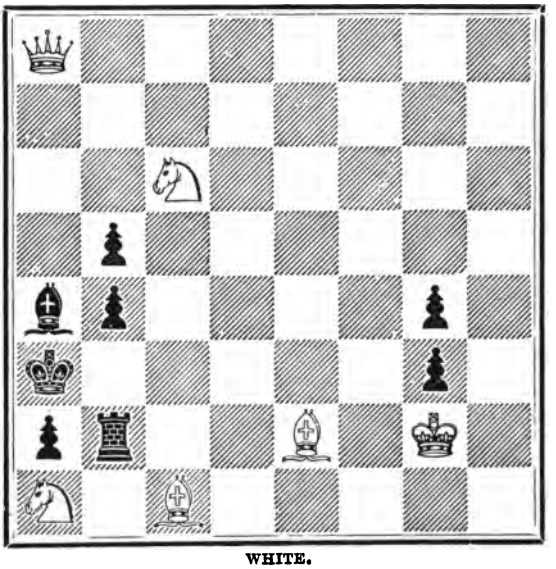
WHITE.

White compels Black to mate in seven moves.

No. 122.

BY J. A. MILES.

BLACK.



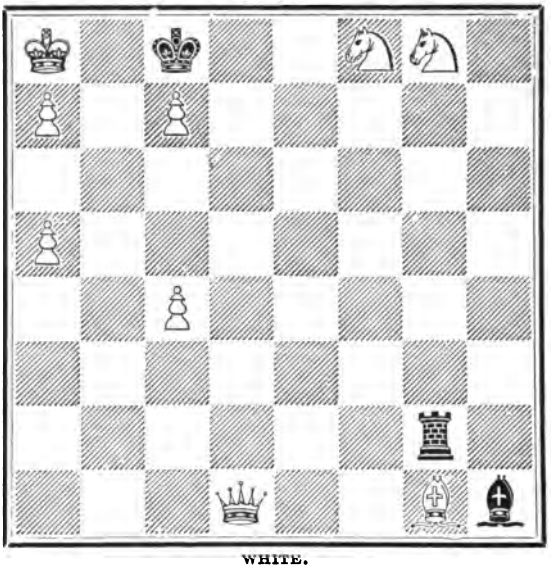
WHITE.

White compels Black to mate in six moves.

No. 123.

BY J. KOHTZ AND C. KOCKELKORN.

BLACK.



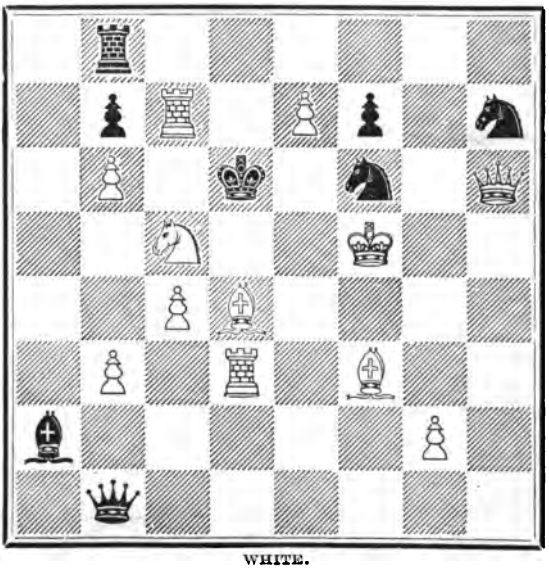
WHITE.

White compels Black to mate in five moves.

No. 124.

BY E. N. FRANKENSTEIN.

BLACK.



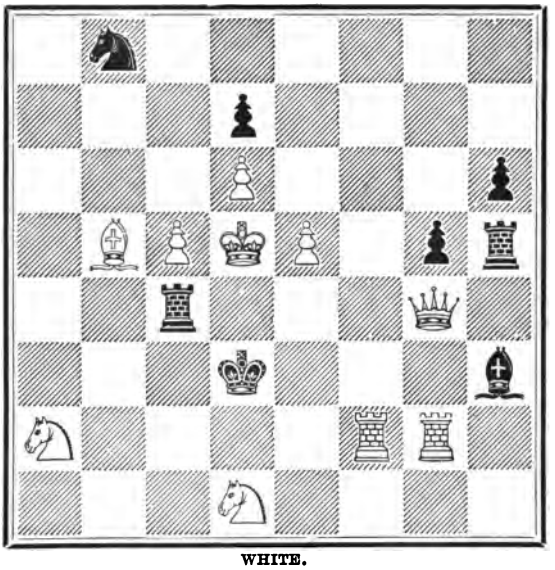
WHITE.

White compels Black to mate in four moves.

No. 125.

BY E. J. WINTER WOOD.

BLACK.



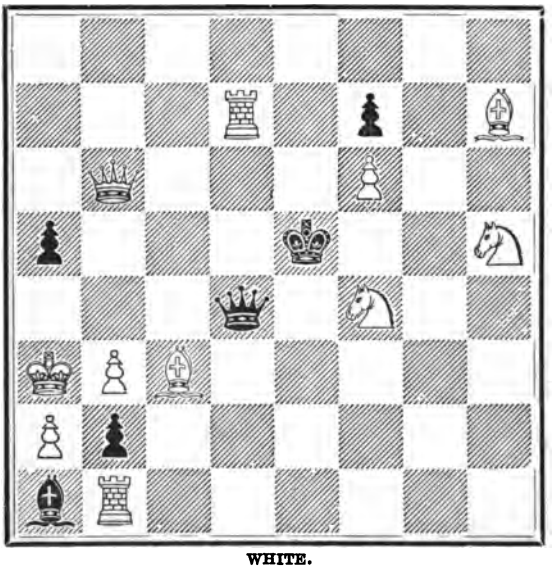
WHITE.

White compels Black to mate in two moves.

No. 126.

BY E. J. WINTER WOOD.

BLACK.



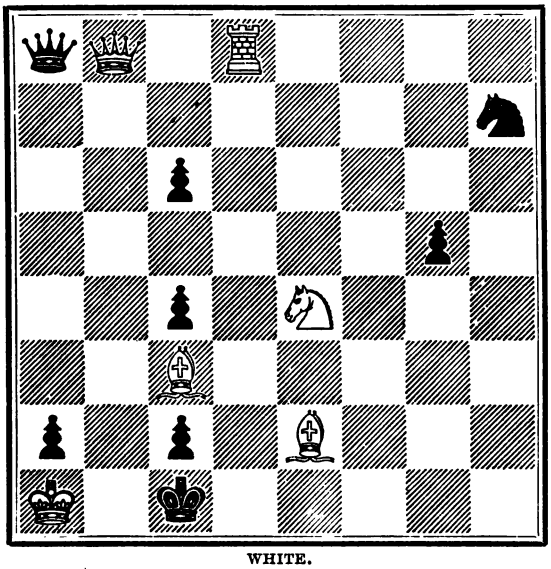
WHITE.

White compels Black to mate in three moves.

No. 127.

BY WALTER B. BULL (Aged 11).

BLACK.



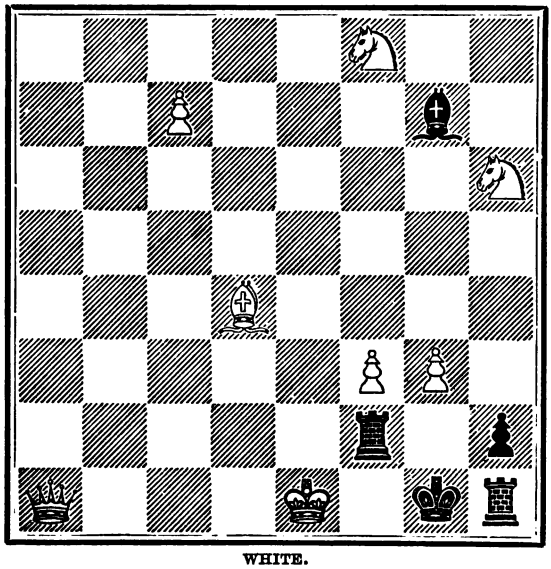
WHITE.

White compels Black to mate in three moves.

No. 128.

BY T. B. ROWLAND.

BLACK.



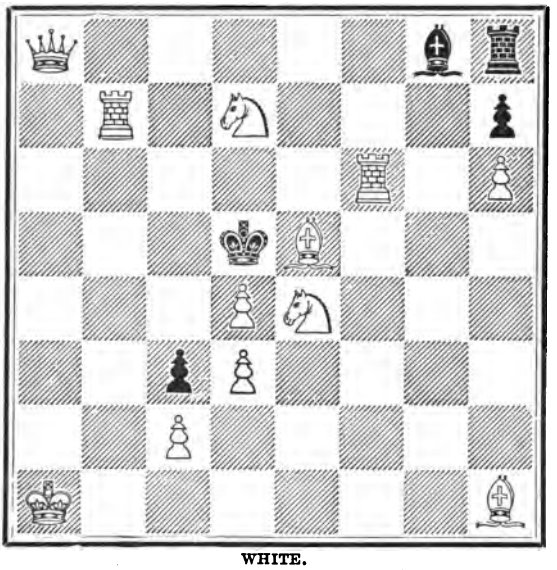
WHITE.

White compels Black to mate in three moves.

No. 129.

BY ARTHUR P. SILVERA.

BLACK.



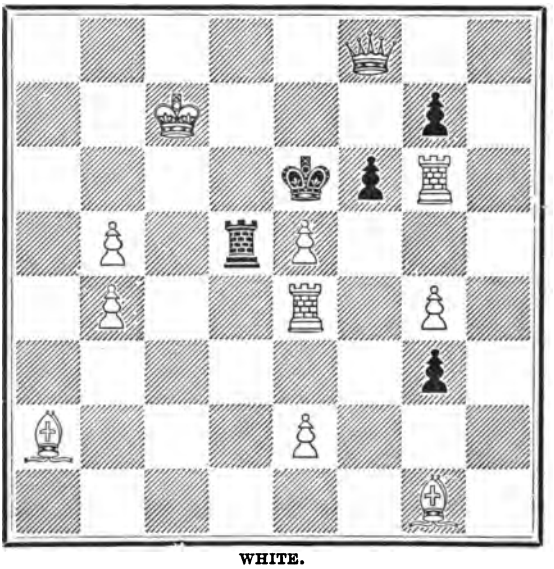
WHITE.

White compels Black to mate in three moves.

No. 130.

BY B. G. LAWS.

BLACK.



WHITE.

White compels Black to mate in nine moves.

SOLUTIONS.

No. 93.

WHITE.	BLACK.
1. P—Q B 5.	1. K×Kt.
2. R—K 6.	2. Any.
3. P—K Kt 4 dis +	3. R×Q mate.

No. 94.

1. Q—K sq.	1. Q—R 4 (A).
2. B×R+	2. K×B.
3. Q—Q 2+	3. P×Q mate.
(A).	1. Q- R sq.
2. B—K 8 dis +	2. Q×R.
3. Q—K R sq+	3. Q×Q mate

No. 95.

See Solution after that of No. 88.

No. 96.

1. Q—Q 2.	1. Kt—Q B 8 &c. (A)
2. Q—K sq+	2. Kt covers.
3. R×Kt.	3. P mates.
(A).	1. Kt(e 6)—Q B 6(B)
2. Q—K 3+	2. Kt covers.
3. R×Kt.	3. P mates.
(B).	1. Kt (a 4)—B 6 (C)
2. Q—K 3+	2. Kt covers.
3. Q×Kt (e 2).	3. P mates.
(C).	1. Kt×P &c.
2. Q—Kt 5+	2. Kt covers.
3. Q—K 3 +	3. Kt×Q mate.

No. 97.

1. P—R 3.	1. Q×Kt P (A).
2. Kt—B 4+	2. K—B 3.
3. P—R 4.	3. Q×B mate.
(A).	1. Q moves.
2. P queens, or B—Kt 4+accordingly.	

No. 98.

1. Kt—Kt 2.	1. R×Kt (A).
2. Q—B 7.	2. R—Kt 5*
3. Q—R 7+	3. R covers.
4. Kt—Kt 4+	4. P×Kt mate.
	* 2. Other.
3. R×P+	3. B×R.
4. Kt—Kt 4+	4. P×Kt mate.
(A).	1. B moves.
2. R×P+	2. B×R.
3. Kt×P+	3. R×Kt.
4. Kt—Kt 4+	4. B or P×Kt mate.

No. 99.

WHITE.	BLACK.
1. Kt—Q 7.	1. B—Kt 8 (A).
2. R—Q 3 dis+	2. P×B.
3. Q—Kt 4+	3. P×Q.
4. Kt—Kt 6+	4. P×Kt mate.
(A).	1. P—Kt 7 (B).
2. Kt—K 5+	2. B×Kt.
3. R×P+ +	3. K×R.
4. Q—Kt 6+	4. P×Q mate.
(B).	1. Kt moves (C).
2. Kt—K 5+	2. Kt×Kt.
3. &c. as in (A)	
(C).	1. P×B (D).
2. R—K B 4+	2. K×R.
3. Kt—K B 6+	3. K—B 3.
4. Q—Kt 6+	4. P×Q mate.
(D).	1. R×B.
2. R—Q 3 dis+	2. P×B.
3. Q—R 2+	3. R covers.
4. Kt—Kt 6+	4. P×Kt mate.

No. 100.

1. Q—K Kt 5.	1. B—B 3 (A).
2. Kt—K 3+	2. B×Kt.
3. Q—Kt 5+	3. Q×Q mate.
(A).	1. B×Kt.
2. Q—Q 2.	2. B—B 3.
3. Q—Q 4+	3. B×Q dis mate.
	if 2. Other.
3. Kt×P+	3. R×Kt mate.

No. 101.

1. P—Q 8 (a B).	1. P—B 5.
2. K—Kt 4.	2. P—Kt 4.
3. R—R 5.	3. P—R 3.
4. Q—Q 7+	4. K×Kt.
5. Q—B 8+	5. B covers.
6. B—B 7.	6. B×Q mate.

No. 102.

1. B—Q B sq.	1. P—R 3.
2. R—Q R 5.	2. P—R 4.
3. Q—K 7+	3. Kt covers.
4. Kt—K B 4.	4. P—R 5.
5. K—Kt 3.	5. K×Kt.
6. R—R 4+	6. Kt covers.
7. B—Kt 2+	7. R×B mate.

No. 103.

WHITE.	BLACK.
1. K—R 3.	1. K—B 5.
2. R—K 5.	2. K×R.
3. Kt—Kt 2+	3. K—B 6.
4. B—Kt 4+	4. P×B mate.

No. 104.

1. Q—Q B 8.	1. R—Kt 7 (A).
2. Q—Q B sq.	2. P×R.
3. B—Q Kt 6.	3. P×B mate.
(A).	1. R or P×R (B).
2. Q—Q B sq+	2. R covers.
3. B—Q Kt 6.	3. P×B mate.
(B).	1. R—Q 8 (C).
2. Q—Q B sq+	2. R×Q.
3. B—Q B 5+	3. R×B mate.
(C).	1. R×P.
2. Q—Q B 3+	2. R×Q.
3. B—Q B 5+	3. R×B mate.

No. 105.

	(A).
1. Q—Q 2.	1. Q—K 4 or Kt 6
2. R—B 5+	2. K—Q 3.
3. Kt—K B 7+	3. K×R.
4. Q—Q B 3+	4. Q×Q mate.
(A).	1. Q—B 5 (B).
2. R—B 5+	2. K—Q 3.
3. Kt—K B 7+	3. K×R.
4. Q—Kt 4+	4. Q×Q mate.
(B).	1. Q×B (C).
2. R—Kt 7+	2. K—Q 3.
3. Kt—K B 7+	3. K—B 4.
4. R—B 7+	4. Q×R mate.
(C).	1. P—Kt 6.
2 R—B 5+	2. Q covers.
3. P—Q 6+	3. P×P.
4. B×P.	4. Q×R mate.

No. 106.

1. B—Q B 2.	1. R—Q B 2 (A).
2. Kt—K B 4+	2. P×Kt.
3. R—B 6+	3. K—K 4.
4. R—Q B 6 dis+	4. Kt covers mate.
(A)	1. Q to R sq or Kt sq (B).
2. Q—K 8+	2. Q×Q.
3. Kt—B 7+	3. R×Kt.
4. R—B 6+	4. Kt×R mate.
(B).	1. Q×P.
2. Q—B 6+	2. Q or P×Q.
3. Kt—B 7+	3. Q×Kt.
4. R—B 6+	4. Kt×R mate.

No. 107.

1. K—Kt sq.	1. P—Kt 6.
2. B—K 3.	2. P—Kt 3.
3. Q—K Kt 4.	3. P×P.
4. R—K R 4.	4. P—R 4.
5. Kt×P dis+	5. K—Q 6.
6. B—Kt sq+	6. R×B+
7. Q—Q sq+	7. R×Q mate.

No. 108.

WHITE.	BLACK.
1. B—B 5.	1. P—Kt 3.
2. Q×P.	2. P×B (A).
3. Q—Q Kt 6.	3. P—B 4.
4. R×P.	4. K—Q 5.
5. R—Kt 4+	5. R×R.
6. Q—K B 6+	6. K—K 5.
7. B—Kt sq+	7. R×B mate.
(A).	2. P×P.
3. B—Kt 4.	3. P×B.
4 R—K 5.	4. K—Q 5.
5. R—K 4+	5. K×R.
6. R×P+	6. R×R.
7. B+	7. R×B mate.

No. 109.

1. Kt—Q R sq.	1. Any.
2. Kt—B 2.	2. ,,
3. Kt—K sq+	3. K moves.
4. Kt×P+	4. ,,
5. K—B sq.	5. P×P.
6. Kt—K sq+	6. K moves.
7. Kt—Q B 2+	7. ,,
8. K—K sq.	8. P—Kt 7 dis mate.

No. 110.

1. Kt—B 2.	1. B—B sq (A).
2. R—K 7.	2. B×R+
3. Kt—Kt 5+	3. B×Kt mate.
(A).	1. B—B 4 (B).
2. R—K 3+	2. B×R.
3. Kt—Kt 5+	3. P or B×Kt mate.
(B).	1. B—Kt 5 (C).
2. Kt—K sq+	2. B×Kt+
3. Q—Kt 3+	3. B×Q mate.
(C).	1. B—Kt 7.
2. R—B 8+	2. B covers+
3. Kt—Kt 5+	3. P×Kt mate.

No. 111.

1. Q—K 3.	1. R×Q.
2. K—B 3 dis+	2. R×R mate.
if	1. Kt×R dis+
2. Q—K 5+	2. B×Q mate.
if	1. Q P × P.
2. Q—K 6+	2. Kt×Q mate.
if	1. Other.
2. Q—K R 6+	2. Kt covers mate.

No. 112.

1. B—Q 5.	1. P moves.
2. R—K B 7.	2. ,,
3. B—Kt 8.	3. ,,
4. K—R 7.	4. P×P.
5. B—R 8.	5. P moves.
6. Kt—Q 2.	6. K moves.
7. Kt—K Kt 3.	7. B×Kt.
8. Q—Q 4+	8. B covers.
9. P—Kt 7.	9. B—K 6.
10. R—R 2.	10. B—B 7.
11. Q—K 3.	11. B×Q mate.

Only one check by White in this long problem!

No. 113.

WHITE.	BLACK.
1. Q—Kt 7.	1. R×P (A).
2. K—K 5 dis+	2. K moves.
3. K—Q 6 dis+	3. R×Q dis mate.
(A).	1. B×P.
2. K—B 6 dis+	2. K moves.
3. K—K 7 dis+	3. B—K 4 dis mate.

No. 114.

1. R—Q 2 dis+	1. K—B 4.
2. R—K B 2.	2. Kt—B 7.
3. Q—B 6+	3. K×Q.
4. K—K 4 dis+	4. Kt×R mate.

No. 115.

1. Q—Q Kt 4.	1. Kt—Q B 2 (A).
2. Kt—Q 2+	2. K—K 6.
3. Q—Q Kt 6+	3. Kt×Q.
4. Kt—Q B 4+	4. Kt×Kt mate.
(A).	1. Kt—Kt 3.
2. Kt—Q 2+	2. K—K 6.
3. Q—K B 4+	3. Kt×Q
4. Kt—Q B 4+	4. Kt×Kt mate.

No. 116.

1. Kt—R 6+	1. K—Kt 6.
2. Kt—R 5+	2 P×Kt.
3. R—Q Kt 8.	3. Q×R.
4. B×P dis+	4. K×B. or K—R 7.
5. Q—B 4+	5. Kt×Q mate.

A pure mirror mate.

No. 117.

	(A).
1. B—K B 6.	1. Kt—K 2 or R 3
2. Q—B 5+	2. Kt×Q
3. Kt—K B 4+	3. K—B 6.
4. R—K 3+	4. Kt×R mate.
(A).	1. Kt×B.
2. R—K 3+	2. P×R.
3. Q—K B 5+	3. Kt covers.
4. R—K Kt 2.	4. P mates.

No. 118.

1. B—Q 7 dis+	1. Kt covers.
2. Q—K B 5.	2. Kt—Q B 5 (A).
3. Kt×P+	3. Kt×Kt.
4. Q—Q 5+	4. Kt×Q.
5. Kt—B 7+	5. Kt×Kt mate.
(A).	2. B—Q R 4 (B).
3. Q—B 3+	3. Q×Q.
4. B—B 6+	4. Q×B.
5. R×Kt+	5. Q×R mate.
(B).	2. Q—R 5 &c. (C).
3. Q—K 4+	3. Q×Q.
4. B—B 6+	4. Q×B.
5. Kt×P+	5. Q×Kt mate.
(C).	Q—R 6 &c. (D).
3. Q—K B 3+ &c.	
(D).	P—Kt 5 or (E). Q—B 2.
3. Q—Q 5+ &c.	
(E).	2. P—Kt 3.
3. Q—B 3+	3. Q×Q.
4. B—B 6+	4. R covers.
5. B×R+	5. Q×B mate.

No. 119.

WHITE.	BLACK.
1. B—R 2.	1. R×Kt (A) &c.
2. B—Kt sq+	2. R×B.
3. P—Kt 5 dis+	3. Q×R.
4. Q—B 4+	4. Q×Q mate.
(A).	1. R×P.
2. Q—K 7+	2. Q×Q.
3. R×R+	3. Q×R.
4. Kt—K 2+	4. Q×Kt mate.
(B).	1. Q—Kt sq.
2. R×B+	2. Q×R.
3. Kt×Kt P+	3. Q×Kt.
4. Q—K 3+	4. Q×Q mate.
(C).	1. Q—K 2.
2. Kt—Kt 5+	2. Q×Kt.
3. Kt×Kt P+	3. Q×Kt.
4. Q—K 3+	4. Q×Q mate.
(D).	1. R—Q R 3.
2. Q—B 4+	2. Q—Q 5.
3. Q—Q 5+	3. Q×Q.
4. Kt—Q 2+	4. Q×Kt mate.
(E).	1. R—Kt 8 &c.
2. P—Kt 5 dis+	2. Q×R.
3. Q—B 2+	3. Q×Q+
4. Kt—Q 2+	4. Q×Kt mate.

No. 120.

1. R—Q B 5.	1. P moves.
2. Q—B 4.	2. ,,
3. Q×P.	3. K×P.
4. Kt—B sq+	4. K—K 7.
5. Q—R 3.	5. K×Kt.
6. R—K 5.	6. P moves.
7. B—R 4.	7. ,,
8. P—Kt 4 dis+	8. R×Q mate.

No. 121.

1. K—Kt sq.	1. P moves.
2. P—K 6.	2. P×P.
3. B—K 5.	3. P×Kt.
4. K×P.	4. P moves.
5. K—R sq.	5. ,,
6. B—R 2.	6. ,,
7. R—K B sq.	7. K×Kt dis mate.

No. 122.

1. Kt—K 5.	1. P moves.
2. Kt—Q 3.	2. ,,
3. Kt—K B 2.	3. P×Kt.
4. K—B sq.	4. P moves.
5. B—Q Kt 5.	5. P checks.
6. Q×P.	6. B×B mate.

N.B.—In Problems No. 121 and 122 White does not give any check.

No. 123.

1. Q—Q R sq.	1. K×P (best).
2. Q—K 5+	2. K—Q sq (A).
3. B—Q Kt 6+	3. K—B sq.
4. Q—K Kt 7.	4. R dis+
5. Q—Q Kt 7+	5. B×Q mate.
(A).	2. K—B sq (B).
3. Q—B 5+	3. K—Q sq.
4. Q—B 8+	4. K×Q.
5. B—Q Kt 6.	5. R dis mate.
(B)	2. K—B 3.
3. Q—Q 5+	3. K—B 2.
4. B—Kt 6+	4. K—B sq.
5. Q×R.	5. B×Q mate.

No. 124.

WHITE.	BLACK.
1. B—K Kt 4.	1. Q—K Kt 8 or K—R 8 (A).
2. Q—R 2+	2. Q×Q.
3. B—K 3 dis+	3. Kt covers.
4. B—K B 4+	4. Q×B mate.
(A).	1. Q—Q B 8 (B).
2. Q×Kt+	2. Kt×Q.
3. B—K 3 dis+	3. Kt covers.
4. B—K B 4+	4. Q×B mate.
(B).	1. Q—Q R 8 or Q Kt 7 (C).
2. Q×Kt+	2. Kt×Q.
3. B—Q B 3 dis+	3. Kt covers.
4. B—K 5+	4. Q×B mate.
(C).	1. Kt moves.
2. Q×Kt+	2. Kt covers.
3. Kt×P+	3. R×Kt.
4. B moves dis+	4. Q×R mate.

125.

1. B—Q R 6.	1. Kt×B (A) &c.
2. Q—Q 4+	2. R×Q mate.
(A).	1. Kt—Q B 3.
2. Kt—Q Kt 4+	2. Kt×Kt mate.
(B).	1. B×R.
2. Q—K 4+	2. B×Q mate.
(C).	1. B×Q.
2. R—B 3+	2. B×R mate.
(D).	1. R—R 5.
2. Q—Q 4+	2. R×Q mate.

No. 126.

1. B—Q 3.	1. Q×B (A).
2. R—K sq+	2. Q×R.
3. Q×P+	3. Q×Q mate.
(A).	1. P—R 5.
2. Q—Q 6+	2. P×Q.
3. P×P.	3. Q×B mate.

No. 127.

1. B—K B 6.	1. Q—Kt 2 (A).
2. Q—K B 4+	2. P×Q.
3. B—Q Kt 2+	3. Q×B mate.
(A).	1. P—Q B 6 (B)
2. B×P+	2. Kt×B.
3. Q—Kt 2+	3. P×Q mate.
(B).	Other.
2. R—Q sq+	2. P×R.
3. Q—Kt sq+	3. P×Q dis mate.

No. 128.

1. Q—Q B 3.	1. B—K 4.
2. Q—B 5 &c.	
	if 1. B—B 3.
2. Q—K 3 &c.	
	if 1. B×Kt at h 6.
2. Kt—K 6 &c.	
	if 1. B×other Kt.
2. Kt—B 5 &c.	

No. 129.

WHITE.	BLACK.
1. R—Q B 6.	1. K×R (A).
2. Kt—K B 6 dis+	2. B covers.
3. R—Q Kt sq dis+	3. R×Q mate.
(A).	1. B moves.
2. Kt (d 7)—K B 6+	2. K×R.
3. R—Q Kt sq dis+	3. R×Q mate.

No. 130.

1. K—B 8.	1. P—Kt 7.
2. R—Q 4.	2. K×P.
3. Q—K 8+	3. K—Q 3.
4. K—Q 8.	4. R×R.
5. B—R 2+	5. R—B 5.
6. P—K 4.	6. P queens.
7. R×P+	7. P×R.
8. P—K 5+	8. P×P.
9. Q—B 8+	9. R×Q mate.

Frontispiece, &c.

VEGA.

1. Kt—Q 5.	1. P×P (A).
2. Kt—K 7+	2. K—K 5.
3. Q—Q B 6+	3. K×P.
4. Kt—K B 5+	4. Kt×Kt mate.
(A).	1. Kt—K 3 &c.
2. Kt×P+	2. B×Kt.
3. Kt—K 7+	3. K—B 5.
4. R—B 2+	4. B×R mate.

CAPELLA.

1. B—Q Kt 7.	1. Q—R 3 or Kt 4 (A) &c.
2. R—Q 2+	2. K×R.
3. Q—K 2+	3. Q×Q mate.
(A).	1. B—K B 2.
2. Q—Q B 4+	2. B×Q.
3. B—K 4+	3. P×B mate.
(B).	1. Kt—Q B 6.
2. R—Q 4+	2. K×R.
3. Q—K 4+	3. P×Q mate.
(C).	1. Q—Q R sq.
2. B—K 4+	2. Q or P×B.
3. Q×Q or P.	3. P or Q×Q mate.
(D).	1. Kt—B 2 or Kt 3.
2. Q—Q Kt 3+	2. Kt covers.
3. Kt—K 5+	3. Kt×Kt mate.
(E).	1. B—K Kt 3.
2. B—K 4+	2. P×B.
3. Q×P+	3. B×Q mate.
(F).	1. Other.
2. B—R 6+	2. Q×B.
3. Q—K 4+	3. P×Q mate.

SIRIUS.

See Solution after No. 88.

ERRATA.

~~In No. 24 the Rook on Q 2 should be on K B 3.~~

~~In No. 91 the Knight on Q 4 should be on Q R 7.~~

No. 81 is by J. G. Chancellor, M.A.

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